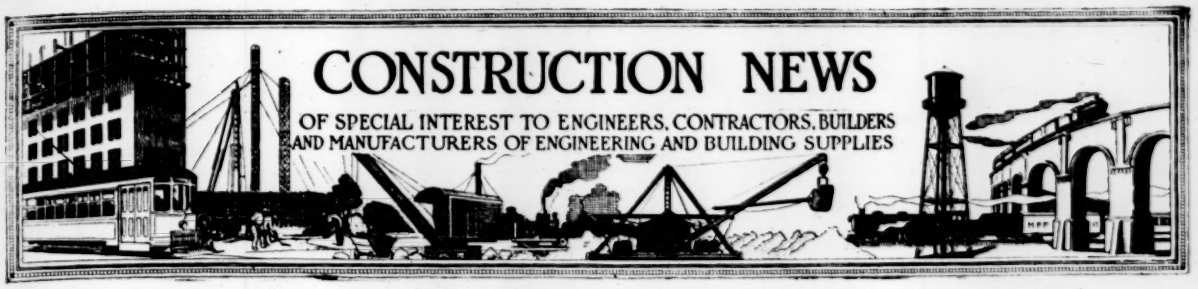
CONSTRUCTION NEWS
OF SPECIAL INTEREST TO ENGINEERS, CONTRACTORS, BUILDERS
AND MANUFACTURERS OF ENGINEERING AND BUILDING SUPPLIES

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng. News-Record
Sept. 27	Seattle, Wash.	Sept. 9
Sept. 27	Sioux Falls, S. D.	Sept. 23
Sept. 30	New York, N. Y.	Sept. 23
Oct. 11	Allentown, Pa.	Sept. 16
Oct. 14	Sacramento, Cal.	Sept. 16

SEWERS

Sept. 27	Wash., D. C. Adv. Sept. 23.	Sept. 23
Sept. 30	Salt Lake City, Utah	Sept. 16
Oct. 1	Slayton, Minn.	Sept. 23
Oct. 1	Charleston, W. Va.	Sept. 23
Oct. 4	Pontiac, Mich. Adv. Sept. 16 and 23.	Aug. 26
Oct. 4	Augusta, Wis.	Sept. 23
Oct. 4	Columbus O.	Sept. 23
Oct. 11	Cleveland, O.	Sept. 23
Oct. 13	Ossining, N. Y.	Sept. 23
Oct. 30	Yorkville, O.	Sept. 23

BRIDGES

Sept. 25	Farmville, Va	Sept. 9
Sept. 25	Hillsville Va.	Sept. 9
Sept. 28	Michigan	Sept. 23
Sept. 28	Vale, Ore.	Sept. 23
Sept. 29	Illinois	Sept. 23
Sept. 30	New Orleans, La.	Aug. 26
Sept. 30	San Antonio, Tex.	Sept. 23
Sept. 30	Chatsworth, Ga.	Sept. 23
Sept. 30	Wickenburg, Ariz.	Sept. 9
Oct. 19	Alabama Adv. Sept. 23.	Sept. 23
Oct. 19	Alabama	Sept. 23
Oct. 22	Detroit, Mich. Adv. Sept. 23.	Sept. 23

STREETS AND ROADS

Sept. 27	Quebec, Que.	Sept. 9
Sept. 27	San Antonio, Tex.	Sept. 23
Sept. 27	Wisconsin	Sept. 23
Sept. 28	Kaufman, Tex.	Sept. 2
Sept. 28	Kaufman, Tex.	Sept. 9
Sept. 28	Grand Rapids, Mich.	Sept. 16
Sept. 28	New York Adv. Sept. 16 and 23.	Sept. 16
Sept. 28	New Orleans, La.	Sept. 16
Sept. 28	Maryland Adv. Sept. 16 and 23.	Sept. 16
Sept. 28	Ishpeming, Mich.	Sept. 23
Sept. 28	Grosse Pointe Park (Detroit P. O.), Mich.	Sept. 23
Sept. 28	Oregon	Sept. 23
Sept. 28	Newark, N. J.	Sept. 23
Sept. 28	Baltimore, Md.	Sept. 23
Sept. 29	New York, N. Y.	Sept. 23
Sept. 29	Baltimore, Md.	Sept. 23
Sept. 29	Illinois	Sept. 23
Sept. 29	Waukesha, Wis.	Sept. 23
Sept. 29	Wisconsin	Sept. 23
Sept. 30	Alabama	Sept. 16
Sept. 30	Marlin, Tex.	Sept. 23
Sept. 30	Florida	Sept. 23
Oct. 1	Nashvile, N. C.	Sept. 16
Oct. 1	Michigan	Sept. 23
Oct. 2	San Antonio, Tex.	Sept. 23
Oct. 4	Washington	Sept. 23
Oct. 4	Michigan	Sept. 23
Oct. 4	Akron, O. Adv. Sept. 16 and 23.	Sept. 23
Oct. 5	Missouri	Sept. 23
Oct. 5	Seguin, Tex.	Sept. 23
Oct. 6	Faribault, Minn.	Sept. 16
Oct. 6	Faribault, Minn.	Sept. 23
Oct. 6	New Jersey Adv. Sept. 23.	Sept. 23
Oct. 6	Michigan	Sept. 23
Oct. 7	Wisner, Neb.	Sept. 23
Oct. 8	Ohio	Sept. 23
Oct. 8	Moundsville, W. Va.	Sept. 23
Oct. 13	Pennsylvania Adv. Sept. 23.	Sept. 23
Oct. 15	San Benito, Tex.	Sept. 16
Oct. 19	Shakopee, Minn.	Sept. 23

RAILWAYS

Sept. 30	New York	Sept. 23
Oct. 1	Ontario	Sept. 16

EXCAVATION AND DREDGING

Bids Close		See Eng. News-Record
Sept. 27	Eudora, Ark.	Sept. 2
Sept. 27	Helena, Ark.	Sept. 9
Sept. 29	Covington, Tenn.	Sept. 16
Sept. 29	Billings, Mont.	Sept. 23
Oct. 1	Harvel, Ill.	Sept. 16
Oct. 1	Mason City, Ia.	Sept. 16
Oct. 2	Lamar, Col. Adv. Sept. 23.	Sept. 23
Oct. 5	Wapello, Ia. Adv. Sept. 23.	Sept. 23
Oct. 7	Cleveland, Miss.	Sept. 23

INDUSTRIAL WORKS

Sept. 28	Neillsville, Wis.	Sept. 23
Sept. 29	Buffalo, N. Y.	Aug. 26
Sept. 30	New York, N. Y. Adv. Sept. 16 and 23.	Sept. 23
Oct. 2	London, Ont.	Sept. 23
Oct. 15	London, Ont.	Sept. 23
Oct. 15	Tilbury, Ont.	Sept. 23
Nov. 1	Webb City, Mo.	Sept. 16

BUILDINGS

Sept. 24	Coatesville, Pa.	Sept. 23
Sept. 25	Montville, Conn.	Sept. 23
Sept. 25	Port Chester, Pa.	Sept. 16
Sept. 27	Ebensburg, Pa.	Sept. 9
Sept. 27	New Orleans, La.	Sept. 9
Sept. 28	Elvins, Mo.	Sept. 16
Sept. 28	Hurdsfield, N. D.	Sept. 23
Sept. 30	New Britain, Conn.	Sept. 23
Oct. 1	Granite City, Ill.	Sept. 2
Oct. 1	Muskegon, Mich.	Sept. 23
Oct. 1	Montreal, Que.	Sept. 23
Oct. 1	Peabody, Mass.	Sept. 23
Oct. 1	Indianapolis, Ind.	Sept. 23
Oct. 3	Canton, O.	Sept. 9
Oct. 4	Great Neck, N. Y. Adv. Sept. 16 and 23.	Sept. 16
Oct. 12	Huron, S. D.	Sept. 2
Nov. 15	Dallas, Tex.	Sept. 23

FEDERAL GOVERNMENT WORK

Sept. 25	Harbor Development—Spec. 4136—Great Lakes, Ill.	Aug. 19
Sept. 27	Buildings—Columbus, Ga.	Sept. 23
Sept. 28	Surfacing — Albuquerque, N. M.	Sept. 16
Sept. 28	Radical Brick Chimney — Phila., Pa. Adv. Sept. 23.	Sept. 23
Sept. 29	Drainage System — Spec. 4221 — Hampton Roads, Va.	Sept. 16
Sept. 29	Fleet Supply Storehouse—Spec. 4264—San Diego, Cal. Adv. Sept. 16 and 23.	Sept. 16
Sept. 29	Electric Distributing System —Spec. 4286 — Brooklyn, N. Y. Adv. Sept. 16 and 23.	Sept. 16
Sept. 30	Metal Work—Key West, Fla.	Sept. 2
Sept. 30	Remodeling Post Office — Wilmington, N. C.	Sept. 16
Sept. 30	Earthwork—St. Louis, Mo. Adv. Sept. 9 to 23.	Sept. 16
Oct. 6	Quartermasters Storehouse —Spec. 4280 — San Diego, Cal.	Sept. 16
Oct. 6	Lighting System — Spec. 4281—Chelsea, Mass.	Sept. 23
Oct. 11	Conduit, Dam, etc.—Norfolk, Va.	Sept. 16
Oct. 11	Dredging — Providence, R. I. Adv. Sept. 16 and 23.	Sept. 16
Oct. 11	Steel Barges — Memphis, Tenn. Adv. Sept. 16 and 23.	Sept. 16
Oct. 13	Hospital Buildings—Spec. 4300—San Diego, Cal.	Sept. 16
Oct. 14	Dump Scows—Phila., Pa. Adv. Sept. 16 and 23.	Sept. 16
Oct. 15	Scotch Marine Boilers, etc. —Jacksonville, Fla. Adv. Sept. 23.	Sept. 23
Oct. 22	Dredging—Norfolk, Va. Adv. Sept. 23.	Sept. 23
Oct. 30	Hoisting Plant—Wahington, D. C.	Sept. 16

MISCELLANEOUS

Bids Close		See Eng. News-Record
Sept. 24	Motor Trucks, etc.—New York, N. Y.	Sept. 16
Sept. 27	Well, Well House, etc.—Sioux Falls, S. D.	Sept. 9
Sept. 27	Wire and Cables—Detroit, Mich.	Sept. 23
Sept. 27	Truck—New York, N. Y.	Sept. 23
Sept. 28	Crushed Trap Rock or Lime Stone—Kaufman, Tex.	Sept. 9
Sept. 29	Sanitary Work—Utica, N. Y.	Sept. 16
Sept. 29	Fire Alarm System—Central Islip, N. Y. Adv. Sept. 16 and 23.	Sept. 23
Sept. 29	Asphalt Plant—New York, N. Y.	Sept. 23
Sept. 30	Transformers, etc.—Sacramento, Cal.	Aug. 19
Sept. 30	Wall—Chatham, Ont.	Sept. 16
Sept. 30	Pipe—New Orleans, La. Adv. Sept. 23.	Sept. 23
Oct. 1	Pumping Engine—Janesville Wis.	Sept. 9
Oct. 1	Tractors Grader, Road Drags—Jacksonville, Fla.	Sept. 23
Oct. 4	Foundation, etc.—Toledo, O.	Sept. 23
Oct. 6	Laundry Equipment—Binghamton, N. Y. Adv. Sept. 16 and 23.	Sept. 16
Oct. 6	Tunnels, Conduits, etc. — Marcy, N. Y. Adv. Sept. 16 and 23.	Sept. 16
Oct. 11	Ferry Boat—New York, N. Y.	Sept. 23
Oct. 13	Piles, Bulkhead, etc. — Brooklyn, N. Y. Adv. Sept. 16 and 23.	Sept. 16
Oct. 13	Piers—Oswego, N. Y. Adv. Sept. 16 and 23.	Sept. 16
Oct. 18	Locks—Chicago, Ill. Adv. Sept. 16 and 23.	Sept. 16

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Mo., Moberly—City having plans prepared for pipe line, pumping station, filter plant and impounding dam. About $350,000. Fuller & Beard Chemical Bldg., St. Louis, engrs. Noted July 15.

N. C., Burgaw—See "Sewers."

Ia., Atlantic—City soon receives bids building rein.-con. reservoir, with 250,000 gal. capacity. J. H. Mayne, Atlantic, engr.

Minn., Madelia—S. O. Noonan, city clk., soon receives bids for pumping equipment and sinking well. About $12,000. J. W. Shaffer, 501 New York Life Bldg., Minneapolis, engr.

Minn., South St. Paul—City having plans prepared for waterworks improvements. Bonds for $85,000 voted for project.

Kan., Everett—City plans election soon to vote on $30,300 bonds to furnish labor and material improving waterworks system, to include laying 10,290 ft. 2-4 in. c.i. pipe, 18 fire hydrants, 40,000 gal. tank, etc. E. T. Archer, New England Bldg., Kansas City, Mo., engr.

Neb., North Platte—City plans to improve waterworks system. About $50,000. Engineer not selected.

S. D., Scotland—City election Sept. 28, to vote on $45,000 bonds to extend waterworks system.

Wyo., Casper—City election Nov. 2, to vote on $500,000 bonds to extend and maintain waterworks system.

Ark., Ft. Smith—M. F. Smith, city comr., soon receives bids furnishing labor for improving waterworks system. About $200,000. Wyncoop-Kursted, Mutual Bldg., Kansas City, Mo., engrs.

Streets and Roads (Continued)

Okla., String City—City having plans prepared building waterworks system. About $40,000. H. G. Olmstead & Co., 415 Oil Exchange Bldg., Oklahoma, engrs.

Okla., Vinita—City election Nov. 4 to vote on $460,000 bonds to build 2 concrete dams, 5 mi. pipe line, plant, tower and intake. H. G. Olmstead & Co., 417 Oil Exch. Bldg., Oklahoma, engrs.

Ont., London—Utilities Bd. plans to extend water mains into new factory area. About $50,000. E. V. Buchanan, Hydro Offices, engr.

BIDS DESIRED

N. Y., New York—Until Sept. 30, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Room 2351, Municipal Bldg., furnishing, delivering and installing additional discharge lines at 179th St. Pumping Sta.

S. D., Sioux Falls—Until Sept. 27 by City Comrs. building well, well house and appurtenances. W. C. Leyse, aud. Noted Aug. 12.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★Mich., Owosso—City let contract furnishing labor and material building water filtration plant, 1,800,000 gal. capacity, to Ann Arbor Asphalt Constr. Co., Ann Arbor. About $75,000.

Sewers

PROPOSED WORK

N. C., Burgaw—City plans to build waterworks and sewerage systems. About $90,000. Carolina Eng. Co., Wilmington, engrs.

N. C., Cherryville—Cherryville Mfg. Co. and Howell Mfg. Co. plan to build sewerage system. About $25,000. Carolina Eng. Co., Wilmington, engrs.

Ill., West Frankfort—Bd. Local Impvt. retained C. B. Mautz, engr., Benton, to prepare plans for storm sewers in North Douglas St., involving about 4,000 ft. 36 in pipe.

Minn., Wabasso—City rejected bids Sept. 9, building sewage treatment plant and general sewer. About $45,000. Work may be readvertised. J. F. Druar, 512 Globe Bldg., St. Paul, engr.

Neb., Chappell—City having plans prepared by Henningson Eng. Co., engrs., Natl. Bldg., 12th and Harney Sts., Omaha, for sewerage system. About $80,000.

Wyo., Casper—City election Nov. 2, to vote on $150,000 bonds to extend and maintain sewerage system.

Mo., Excelsior Springs—City election Oct. 4 to vote on $25,000 bonds to build disposal plant and main sewer. Shockley Eng. Co., Kansas City, Mo., engrs.

Mo., Joplin—City having plans prepared building sewers, involving 111,229 ft. 8-30 in pipe, 287 manholes, 57,000 cu.yd. earth excav. and 430 cu.yd. concrete. About $291,000. S. B. Ashcraft, city engr.

Mo., Springfield—City having plans prepared building sewers in Dist. 9, involving 24,000 ft. 8 in. vitr. pipe. About $40,000. W. C. Culler, Springfield, engr.

Okla., Oklahoma—City soon receives bids building sewage disposal plant. About $1,000,000. Pierce, Greely & Hansen, 39 West Adams St., Chicago, Ill., engrs.

BIDS DESIRED

N. Y., Ossining—Until Oct. 13, by C. F. Rattigan, supt. state prisons, Calitol, Albany, building sewerage and waterworks systems, at Sing Sing Prison, here.

D. C., Washington—Until Sept. 27, by Dist. Comrs., building 1,100 lin.ft. 21-24-in. sewers. L. Brownlow, ch. clk.; advertised in this issue.

W. Va., Charleston—Until Oct. 1 by B. H. Hill, city mgr., building 11,900 lin.ft. 8-48 in. sewers. E. Bruce, city engr.

O., Akron—See "Streets and Roads."

O., Cleveland—Until Oct. 11, by Bd. Educ., building 3 sewage treatment and water pumping plants, brick and concrete, brick and concrete foundation, in Parma Twp. About $50,000. L. H. Geiss, clk. C. W. Bates, Natl. Bank Bldg., Wheeling, W. Va., archt.

O., Columbus—Until Oct. 4, by village, extending and repairing sewage disposal plant, on Dawson Ave. S. N. Roderick, clk.

O., Yorkville—Until Oct. 30, by J. T. Fawlis, clk., and Village Council, furnishing labor and material for construction of complete sanitary sewerage system. About $75,000. Noted July 8.

Wis., Augusta—Until Oct. 4, by city, laying 30,000 ft. 8-20 in. vitr. pipe sewers in various streets. About $80,000. H. Olk, Antigo, engr. Noted Sept. 9.

Minn., Slayton—Until Oct. 1, by Village Council, building storm sewers involving 1,600 ft. 10 in. tile, 5.5 ft. deep, 500 ft. 10 in. tile 4 ft. deep and 14,500 ft. 6 in. tile 4 ft. deep. About $25,000. E. G. Minder, Slayton, engr.

Neb., Wisner—See "Streets and Roads."

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★Conn., Bristol—Bd. Pub. Wks. let contract building 500 ft. sewer in Muzzey St., 1,025 ft. Atkins Ave., 500 ft. Wolcott St., 650 ft. Union St., 1,000 ft. Burlington Ave. Sect. A, to A. Di Marco, 221 Berlin Ave., Southington; 2,250 ft. Burlington Ave. Sect. B, 600 ft. Lewis St., 250 ft. Curtis St., to C. Vacco, Terry Rd., Bristol. Noted Sept. 2.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro., received bids Sept. 20, building sewers in (a) Lyon Ave., (b) 76th St., (c) 39th St., (d) borings in Jamaica Bay Blvd., from Green Contg. Co., 734 Vernon Ave., Astoria, (a) $23,370, (c) $3,793; J. H. Johnson, (a) $27,005; Pease Bros., (a) $27,056, (c) $3,987; Saverio & Britton, (b) $33,850; Murphy Bros., (b) $34,620; C. Petracca, (b) $34,828; Kennedy & Smith, 94 Main St., Flushing, (c) $3,842; C. S. Edwards, (d) $8,800; Childs Co., (d) $11,400; Philips & Worthington, 90 West St., New York City, (d) $15,800. Noted Sept. 16.

★Md., Baltimore—Bd. Awards, c/o City Register, let contract building hydrolytic tank and appurtenances, also sludge digestion tank, pipe lines and appurtenances, at Sewage Disposal Works, west shore Back River, Baltimore Co., to Robertson Bros., 106 Hopkins Pl. About $165,460. Noted Sept. 2.

Mich., Detroit—City received bids furnishing labor and material building sewer in Bauman and State Fair Aves. from Seven Mile Rd. to Ralston Ave., from J. Porath, 34 McGraw Bldg., $195,764, Jeynes & Affeld, 1208 Ford Bldg., $229,710; Halleck Ave. from Jos. Campau to Dequindre Sts., from W. Porath, 1410 West Grand Blvd., 5 ft., cylinder at $30 per ft., 4 ft., $22, manholes, $279 each, total $69,855, Langley & Barton, Detroit, 5 ft., $37.50, 4 ft., $35, manholes $400, R. D. Baker, Penobscot Bldg., 5 ft., $30, 4 ft., $25, manholes, $400. Noted Sept. 9.

★Minn., Eveleth—City let contract building north side sewerage system and laying water mains from Virginia Rd. to Adams Location, to Lawrence & McCann Co., Eveleth, $71,687.

Bridges

PROPOSED WORK

Me., Ashland—Town and State Highway Dept., Augusta, plan to build bridge over Machias River, here. About $50,000. P. D. Sargent, state highway engr.

Me., Westbrook—City rejected bids building 80 ft. steel bridge, 30 ft. wide, over Presumpscott River, on Cumberland St. About $40,000. Work will probably be done by day labor. Noted Sept. 9.

R. I., Bristol—Mt. Hope Bridge Comn., State Capitol, Providence, plans to build concrete and steel bridge over Mt. Hope Bay, from here to Portsmouth. Cost will run into millions.

Conn., Groton (New London P.O.)—State Highway Dept., Hartford, plans to build concrete and steel bridge over Mystic River, from here to Stonington. C. J. Bennett, Hartford, state highway comr.

S. C., Sumter—L. D. Jennings and others plan to build steel bridge across Sautee River. About $500,000. I. F. Beiser, Columbia, engr.

O., Cambridge—City, Guernsey Co., Pennsylvania R.R. and Baltimore & Ohio R.R., plan to build 800 ft. concrete viaduct on Dewey Ave. over railroad tracks and Wills Creek. About $200,000. Railroads will pay 65% of cost and county and city the remainder.

Wis., Melrose—City having plans prepared for 612 ft. rein.-con. or steel bridge, over Black River. State Highway Comn., Madison, engrs.

Kan., Hutchinson—Reno Co. plans election soon to vote on bonds to build 450 ft. rein.-con. bridge, 20 ft. wide, in Hewen Twp. Work involves 1,600 cu.yd. rein.con., 35 ton steel, 5,400 lin.ft. wooden piling and 5,000 cu.yd. earth approach. D. E. Gilmer, Hutchinson, engr.

Kan., Hutchinson—Reno Co. plans to build 450 ft. rein.-con. bridge, 20 ft. wide, in Reno Twp., involving 1,620 cu.yd. rein.-con., 40 ton steel, 5,440 lin.ft. wooden piling and 2,000 cu.yd. earth approach and [illegible] D. E. Gilmer, Hutchinson, engr.

BIDS DESIRED

Ga., Chatsworth—Until Sept. 30, by [illegible] Comrs. Rds. and Murray Co. building Federal Aid Bridge Project over Rock Creek. Work will consist of (1) construction of 895 lin.ft. of earth fill and top soil roadway, involving 10,628 cu.yd. borrow excav. and 775 cu.yd. top soil surfacing, (2) 105 ft. rein.-con. bridge, involving 103.5 cu.yd. Class "A" and 85.41 cu.yd. Class "B" concrete, 35,480 lb. reinforcing steel, 40 cu.yd. foundation excav. Alternate bids will also be received on bridge designed by Luten Bridge Co., involving 133.15 cu.yd. Class "A" and 90 cu.yd. Class "B" concrete, 8,940 lb. reinforcing steel and 35 cu.yd. foundation excav. J. M. Campbell, chn.

Alabama—Until Oct. 19, by State Highway Comn., Montgomery, building bridge over Tallapoosa River, near Judkins Ferry. W. S. Keller, state highway, engr.; advertised in this issue.

Alabama—Until Oct. 19, by L. G. Smith, state bridge engr., Montgomery, building two 175 ft. steel camel back spans and two 120 ft. steel Pratt truss spans, 416 lin.ft. concrete approach and 5 concrete piers, over Tallapoose River, Elmore and Montgomery Counties, 9 mi. north east of Mont-

Michigan—Until Sept. 28, by F. F. Rogers, state highway comr., Lansing, and Bd. Rd. Comrs. Wayne Co. (Detroit) building State Reward Bridge 54-821. 401, over River Rouge, Northville Twp., to have two 12 ft. concrete abutments, one 9 ft. pier and 2 span continuous skew T-beam superstructure, 88 ft. overall, involving 387 cu.yd. concrete.

Mich., Detroit—Until Oct. 22, by Dept. Pub. Wks., furnishing labor and material, tools, equipment and other means of construction, all preliminary and temporary structures for facilitating or protecting work necessary to build Belle Isle Bridge. J. A. Martin, comr.; advertised in this issue.

Illinois—Until Sept. 29, by Dept. Pub. Wks. & Bldgs., Springfield, building following bridges on Vandalia-Cairo Highway, Federal Aid Project 14, substructure for 120 ft. steel bridge and 1 concrete bridge, to have one 30 ft. span, on Sect. 15B, Pulaski Co., involving 465.8 cu.yd. concrete; superstructure for 1 steel bridge, 120 ft. span, Sect. 15C, Pulaski Co.; Springfield-Danville Highway, Federal Aid Project 18, 1 concrete bridge, to have five 45 ft. spans, Sect. 2B, Champaign Co., 995.7 cu.yd. concrete; National Highway, Federal Aid Project 9, 1 concrete and steel bridge, to have one 60 ft. steel span, also 2 concrete bridge, to have eight 26 ft. spans, Sect. U2, Fayette Co., 1,386.2 cu.yd. concrete.

Tex., San Antonio—Until Sept. 30, by F. Fries, city clk., building rein.-con. bridge over San Antonio River on Simpson St.

Ore., Vale—Until Sept. 28, by State Hghway Comn., Room 520, Multnomah Co. Court House, Portland, building bridge over Malheur River, near here. Alternate bids on one 180 ft. steel, one 105 ft. or three 64 ft. wood truss spans, involving 205-315 cu.yd. concrete.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

N. H., Portsmouth, Piscataqua River Bridge Comn., City Hall, received bids building superstructure for bridge over Piscataqua River between here and Kittery, Me., from Bethlehem Steel Corp., 111 Bway., New York City, $928,400, Amer. Bridge Co., 127 Franklin St., Boston, $1,036,500; building piers, abutments etc., for above, Holbrook, Cabot & Rollins Corp., 6 Beacon St., Boston, $830,000. Noted Sept. 2.

R. I., Providence—Water Supply Bd., City Hall, received bids Sept. 15, building Danielson Pike Bridge and embankment, from T. F. McGovern, 95 Main St., Southbridge, $51,600; W. V. Polleys & Co., 217 Turks Head Bldg., $56,050; McKinnon Constr. Co., 70 Water St., East Providence, $58,105. Noted Aug. 26.

N. Y., New York—M. Hulbert, comr. Docks, Pier "A," received bids Sept. 15, furnishing labor and material building inshore portion of Brooklyn Bridge Improvement, from H. Steers, Inc., 17 Battery Pl., $242,463; Robbins-Ripley, 50 Church St., $256,383; Phoenix Constr. Co., 41 Park Row, $259,897. Noted Sept 9.

N. J., Newark—Essex Co. received bids Sept. 7, building (a) Columbia Bridge, on South Orange Ave., (b) Hanover Creek Bridge, on Mt. Pleasant Ave., both over Passaic River, from A. E. Smith, 220 Park Ave., Plainfield, (a) $78,713, (b) $76,788;

Bridges (Continued)

Linde-Griffith Co., 4th Ave., Branch Brook, (a) $95,430, (b) $89,980; M. Averill, 196 Woodside Ave., (b) $66,753. Noted Aug. 26.

★**North Carolina**—State Highway Comn., Raleigh, let contract building concrete bridge across Yadkin River between Montgomery and Stanley Counties, Federal Aid Project 116, to Council, Young Co., Macon, Ga., $175,000; small concrete bridges in Randolph Co., Federal Aid Project 101 A, to J. A. Kreis & Co., Knoxville, Tenn., $27,000; 6 concrete bridges in Forsyth Co., Federal Aid Project 111, to Heilig-Sherril Co., Winston-Salem, $26,500. Cost to be borne by State and above mentioned counties.

★**Illinois**—Dept. Pub. Wks. & Bldgs., Springfield, let contract building bridges on following sections of Effingham-Fairfield Highway, Federal Aid Project 23, steel and concrete bridge on Sect. 5 B, Clay Co., to Lincoln Constr. Co., Chicago, $16,200, 4 concrete bridges and 2 concrete culverts Sect. 8 B, Wayne and Clay Counties, to Montgomery & Parker, Rockport, Ind., $52,316; Mt. Vernon-Fairfield Highway, Federal Aid Project 16, 1 steel bridge to have 150 ft. span, Sect. 17 B, Wayne Co., to Genl. Constr. Co., Arcade Bldg., St. Louis, Mo., $45,833, 4 concrete bridges Sect. 17 C, Wayne Co., to Montgomery & Parker, Rockport, Ind., $81,926; Springfield-Danville Highway, Federal Aid Project 18, 1 steel bridge to have 60 ft. span, Sect. 5 B, Champaign Co., to S. B. Stewart, Oreana, $9,325, 1 concrete bridge to have three 40 ft. spans, Sect. 7 B, Piatt Co., to W. F. Lodge, Monticello, $20,283; National Highway, Federal Aid Project 9, superstructure of bridge on Sect. U, Fayette Co., to St. Louis Structural Steel Co., Bank of Commerce Bldg., St. Louis, Mo., $41,203, substructure of bridge on Sect. U-1, Fayette Co., to Frazier-Davis Constr. Co., Arcade Bldg., St. Louis, Mo., $43,000; East Moline-Princeton Highway, Federal Aid Project 20, 1 steel on Sect. 4 B, and 2 concrete bridges Sect. 3 B, Henry Co., to W. H. Shons, Freeport, $16,989 and $20,233 respectively, 4 concrete culverts, Sect. 4 C, and 2 concrete bridges Sect. 5 B, Henry Co., to H. A. Reschke Constr. Co., 527 North College Ave., Geneseo, $9,784 and $9,831 respectively, 1 steel bridge, to have 120 ft. span, Sect. 6 B, Henry Co., to W. H. Shons, Freeport, $21,103, 2 concrete bridges Sect. 7 B, Henry and Bureau Counties, to M. R. Deyo & Co., Peoria, $17,181, 1 concrete bridge, Sect. 8 B, Bureau Co., to H. A. Reschke Constr. Co., 527 North College Ave., Geneseo, $4,863, bridge repairs, Sect. 10 B, Bureau Co., to W. H. Shons, Freeport, $5,500; Monmouth-Galesburg Highway, Federal Aid Project 21, 2 concrete bridges Sect. 2 B, Warren Co., to Lincoln Constr. Co., 3020 South Halsted St., Chicago, $20,225; Vandalia-Cairo Highway, Federal Aid Project 14, 2 steel bridges, each to have 90 ft. span, Sect. 23 B and 3 concrete bridges, Sect. 23 C, Fayette Co., to W. C. Johnson, Belleville, $50,309 and $61,198 respectively, substructure for 1 steel bridge, Sect. 2 B, Jackson Co., to C. S. Edwards, Edwardsville, $47,444, superstructure for 1 steel bridge, Sect. 2 C, Jackson Co., to Illinois Steel Co., Jacksonville, $50,701. Noted Aug. 19.

★**Cal., Marysville**—Bd. Supervs. Yuba Co. let contracts building 9 small bridges over various streams, to H. L. Hite, Marysville; T. Polk, 511 2nd St., Chico; Jenkins & Wells, 3560 Y St., Sacramento, total $26,123.

Que., Montreal—See "Miscellaneous"—Walls—C. A.

Streets and Roads

PROPOSED WORK

Alabama—State Highway Dept., 3d Div., Montgomery, plans to grade, drain and surface 17 mi. Enterprise-Elba Rd., sand-clay, also build one 200 ft. and one 300 ft. concrete bridge, Coffee Co., cost $210,000; 24 mi. Geneva-Hartford Rd., sand-clay, and one 100 ft. wooden bridge, Geneva Co., $250,000; 6.95 mi. Montgomery-Tuskogee Rd., gravel, and one 500 lin.ft. concrete pile trestle bridge, Elmore Co., $196,000; 11.6 mi. Alexander City-Jackson Gap Highway, bituminous macadam, Tallapoosa Co., $390,000; 5.5 mi. Goodwater-Ashland Rd. and 6 mi. Goodwater-Sylocouga Rd., bituminous macadam, Coosa Co., $140,000 and $138,000 respectively; 17 mi. Abbeville-Eufaula Rd., sand-clay, and three 60 ft. timber bridges, Henry Co., $240,000; grade and surface 7 mi. Montgomery-Birmingham Highway, gravel, and one 80 ft. concrete bridge, Elmore Co., $115,000.

O., Lisbon—Columbiana Co. plans to pave 3½ mi. road from East Palestine to Negley, concrete. About $150,000. H. Armstrong, Lisbon, engr.

Ind., Ft. Wayne—Allen Co. plans to grade, drain and pave 15,747 ft. Young Rd., 12 ft. wide, waterbound macadam. About $33,400. A. W. Grosvenor, co. surv.

Mich., Detroit—City plans to surface .75 mi. Ponchartrain Rd. from Seven Mile Rd. to Hamilton Blvd., 50 ft. wide, gravel on stone foundation. E. G. Heckel, Farwell Bldg., comr. parks and blvds.

Wis., Sheboygan—City received no bids Sept. 7 grading, surfacing and building sidewalks with combined curb and gutter on 1.1 mi. North 6th St. from Pennsylvania to Michigan Aves., 20 ft. wide. About $40,000. Work may be done by day labor. Noted May 13.

South Dakota—State Highway Comn., Pierre, soon receives bids grading, gravelling and draining 4.3 mi. road, 24 ft. wide, Charles Mix Co., involving 22,000 cu.yd. excav., 6,450 cu.yd. gravel surfacing, 560 lin.ft. corrugated iron or concrete pipe culverts, 180 cu.yd. concrete for culverts, 11,000 lb. steel reinforcement, about $39,800; 13.04 mi. Yankton-Vermillian Rd., 36 ft. wide, Clay Co., 110,000 cu.yd. excav., 900 ft. corrugated iron or concrete pipe culverts, 105 cu.yd. concrete for culverts and 4,500 lb. steel reinforcement, $87,700. F. W. Schreiber, state highway engr.

Montana—State Highway Dept., Helena, received no bids building 8.71 mi. Belknap-Furlong Highway, Federal Aid Project 90, Sanders Co., involving 47,987 cu.yd. common, 500 cu.yd. intermediate and 162 cu.yd. rock excav., 11,145 sta.yd. overhaul, 934 lin. ft. 12-36 in. corrugated iron pipe, 40.48 cu. yd. Class "B" concrete in headwalls, 9.315 M. ft. lumber in guard rail.

Missouri—State Highway Dept., Bolivar, received no bids Sept. 7 building 13.864 mi. Bolinger Springfield Rd. (Springfield Special Rd. Dist.), Federal Aid Project 33, Polk Co. About $90,496. Noted Sept. 2.

Tex., McKinney—Collin Co., Copeville Dist., voted $24,000 bonds and Lavan Dist. $60,000 bonds to build roads. J. B. Crockett, co. engr. Noted Aug. 12.

Tex., Sinton—San Patricio Co. received no bids Aug. 26 grading, surfacing and draining 12.04 mi. Highway 9 through Rd. Dist. 5, cost $191,549, also 15.5 mi. Highway 9 through Rd. Dist. 1, $157,845. Work will be readvertised. A. C. Pancoast, Beeville, co. engr. Noted Aug. 19.

Col., Denver—City plans to pave with asphalt East Colfax Ave. from Colorado Blvd. to city limits; South Bway. from Exposition Ave. to city limits; Federal Blvd. from West Lake Pl. to Colfax-Larimer viaduct; West Colfax Ave. from Colfax viaduct to Sheridan Blvd.; East 8th Ave. from Sheridan Blvd. to Bway., and from Franklin to William Sts.; Santa Fe Drive from Alameda to West Colfax Aves. About $1,000,000. J. B. Hunter, city engr.

Col., Denver—City receives bids about Jan. 1, paving 11 block Alley Paving Dist. 61, 16 ft. wide, involving 8,300 sq.yd. concrete, cost $21,321; 12 block Alley Paving Dist. 62, 16 ft. wide, 9,220 sq.yd. concrete, $23,803. J. B. Hunter, City Hall, engr.

Oregon—State Highway Dept., Salem, rejected bids Aug. 24 gravel surfacing 7.9 mi. Yamhill-Gaston Sect. Tualatin Valley Highway, Yamhill Co., and 6.3 mi. Oregon City-Oswego Sect. Pacific Highway, Clackamas Co. N. Nunn, state highway engr. Noted Aug. 19.

BIDS DESIRED

N. Y., New York—Until Sept. 29, by H. Bruckner, pres. Bronx Boro., regulating, grading, curbing, building sidewalks, etc., West 230th St. from Heath to Bailey Aves., Guion Pl. from St. Lawrence to Beach Aves., East 180th St. from Grand Blvd. and Concourse to Creston Ave., West 190th St. from Davidson to University Aves., Britton St. from Bronx Park East to White Plains Rd., Bronx Park Ave. from East Tremont Ave. to East 180th St.; paving with sheet asphalt on concrete foundation, etc., roadway of Van Buren St. from Morris Park Ave. to right of way of New York, New Haven and Hartford R.R., roadway of Morris Ave. from Fordham Rd. to East 190th St., roadway of Fillmore St. from Morris Park to Van Nest Aves.; sheet asphalt on cement concrete foundation, roadway of Faile St. from Seneca to Lafayette Aves.; building sanitary sewers and appurtenances in Carlisle Pl. from East 213th St. to point 224 ft. south, Post Rd. between West 253rd and West 252nd Sts., with temporary connection between West 253rd St. and point 52 ft. north.

N. Y., New York—Until Sept. 29, by H. H. Curran, pres. Manhattan Boro., Municipal Bldg., regulating and repaving with granite block on concrete foundation roadway of Murray St. from West St. to Bway., roadway of East 97th St. from 1st to 2nd Aves.; sheet asphalt on concrete foundation roadway of 48th St. from 7th Ave. to Bway., roadway of 49th St. from 7th Ave. to Bway.; asphaltic concrete on existing concrete foundation roadway of 2nd Ave. west side curb to rail from 3rd to 4th Sts.; 3½ in. white oak or chestnut oak block on concrete foundation, roadway of 2nd Ave., curb to rail, from 1st to 3rd Sts.; asphaltic block (3 in.) on concrete foundation, roadway of East 39th St. from 3rd to Lexington Aves.

New Jersey—Until Oct. 6, by State Highway Comn., Trenton, paving Route 9, Sect. 2, Westfield Cut-off, Union Co., also c.i. pipe culvert with head walls over Ballinger Creek, Route 4, between Tuckerton and New Gretna, Burlington and Ocean Counties. A. L. Grover, ch. clk.; advertised in this issue.

N. J., Newark—Until Sept. 28, by Dept. Streets & Pub. Impvts., paving with brick and asphalt, concrete or bitulithic, Peshine Ave., also Grand Ave. from South Orange Ave. to Mt. Vernon Pl. About $25,000. M. R. Sherrerd, city engr. Noted Sept. 9.

Pennsylvania—Until Oct. 13, by State Highway Dept., Harrisburg, repaving roads in various counties. L. S. Sadler, comr.; advertised in this issue.

Maryland—Until Sept. 28, by State Rds. Comn., 601 Garrett Bldg., Baltimore, grading and draining Hereford Rd. from York Rd. 2.04 mi. west, Baltimore Co., Contr. B-38; 0.71 mi. road from New York, Pennsylvania & Norfolk R.R. to Pocomoke, Somerset Co., Contr. S-10. J. N. Makall, chn.; advertised in this issue.

Maryland—Until Sept. 28, by State Rds. Comn., 601 Garrett Bldg., Baltimore, grading and draining 1 mi. state highway from Rock Hall Ferry Landing toward Rock Hall, Kent Co., Contr. K-14. J. N. Mackall, chn. and engr.

Md., Baltimore—Until Sept. 29, by Bd. Awards, c/o City Register, City Hall, grading and paving with cement concrete, alleys listed in Private Alley Contr. 66. N. G. Ferrying, ch. engr.

W. Va., Moundsville—Until Oct. 8, by Marshall Co. grading and draining 6 mi. Bowman Ridge Rd. Meade Dist. and 2¼ mi. Round Bottom Rd., Clay Dist., involving 51,000 cu.yd. excav., 660 ft. 12-18 in. corrugated iron pipe. About $35,000 and $25,000 respectively. A. Purdy, Moundsville, engr.

Florida—Until Sept. 30, by State Highway Dept., Tallahassee, building 9.55 mi. State Aid Rd. 7, between St. Lucie Co. line and Okeechobee City, involving 59 acres clearing and grubbing, 57,269 cu.yd. regular excav., 160 lin.ft. 15 in. and 42 lin.ft. 24 in. double strength T. C. pipe, 26,000 ft. Class "A" bridge timber, 1,248 lin.ft. Class "A" timber piling, 89,642 sq.yd. 8 in. local stone base; clearing, grubbing, grading and surfacing 1 mi. State aid road between Pensacola and Flomaton, concrete. C. A. Browne, state highway engr.

Ohio—Until Oct. 8, by State Highway Comn., Columbus, building roads in following counties.

Athens Co., Sect. "R" Logan-Athens Rd., 0.637 mi., grading, constructing bridges and culverts and paving with brick, $41,193.

Clermont Co., Sect. "N-2" Milford-Hillsboro Rd., 3.548 mi. grading, constructing bridges and culverts and paving with waterbound macadam, $100,197.

Sect. "A" Milford-Vera Cruz Rd. 2.433 mi., grading, constructing bridges and culverts and paving with waterbound macadam, $69,552.

Hancock Co., Sect. "D" Lima-Sandusky Rd., 6.047 mi. grading, constructing bridges and culverts and paving with monolithic brick, bituminous concrete or rein.-con., $301,975.

Hocking Co., Sect. "P-1" Logan-New Lexington Rd., 5.351 mi. grading constructing bridges and culverts and paving with bituminous macadam, $14,920.

Sect. "N" Logan-Chillicothe Rd., 6.530 mi. grading, constructing bridges and culverts and paving with waterbound macadam, $155,245.

Huron Co., Sect. "P" Oberlin-Norwalk Rd. 4.667 mi., grading, constructing bridges and culverts and paving with monolithic brick, $210,360. State to furnish brick, $136,526.

Lake Co., Sect. "A" Painesville-Ravenna Rd. 4.735 mi., grading, $32,760.

Lawrence Co., Sect. "K" Ohio River Rd., 0.97 mi., grading constructing bridges and culverts and paving with rein.-con. or bituminous macadam, $34,040.

Lorain Co., Sect. "O" Medina-Norwalk Rd., 2.5 mi. grading, constructing bridges and culverts and paving with waterbound macadam, $63,971.

Meigs Co., Sect. "L" Pomeroy-Athens Rd. 2.839 mi., grading $44,269.

Sect. "M" Pomeroy-Athens Rd., 4.007 mi., grading, $80,369.

Streets and Roads (Continued)

Sect. "O" Pomeroy-Athens Rd. 3.303 mi., grading, $91,763.

Mercer Co., Sect. "H-1" Celina-Greenville Rd., 1.5 mi., grading, constructing bridges and culverts and paving with rein.-con., $72,672.

Pike Co., Sect. "A" Waverly-Coopersville Rd., 6.1403 mi., grading, constructing bridges and culverts and paving with waterbound gravel, $41,361.

Sect. "B" Waverly-Coopersville Rd., 5.734 mi., grading, constructing bridges and culverts and paving with waterbound gravel, $36,507.

Seneca Co. Sect. "F-1" Bucyrus-Tiffin Rd., 0.884 mi., grading constructing bridges and culverts and paving with bituminous macadam $32,452.

Sect. "G" Tiffin-New Haven Rd., 2.007 mi., grading, constructing bridges and culverts and paving with bituminous macadam, $63,790.

Sect. "D" Columbus-Sandusky Rd., 2.036 mi., grading constructing bridges and culverts and paving with bituminous macadam, $79,832.

Summit Co., Sect. "Q" Akron-Medina Rd., 2.27 mi., grading, constructing bridges and culverts and paving with rein.-con. or bituminous concrete, $143,847.

Sect. "A" Akron-Youngstown Rd., 2.49 mi., grading, constructing bridges and culverts and paving with rein.-con. or bituminous concrete, $125,822.

Williams Co., Sect. "K" Eden-Cooney Rd., 3.592 mi., grading, constructing bridges and culverts and paving with bituminous macadam, $108,970.

Sect. "D" Bryan-Wauseon Rd., 1.582 mi., grading, constructing bridges and culverts and paving with bituminous macadam, $68,-479.

Sect. "Styker" Byran-Wauseon Rd., 1.393 mi., grading, constructing bridges and culverts and paving surfacing with bituminous $98,914.

Defiance Co., Sect. "E" Bryan-Ft. Wayne Rd., 1.77 mi., surfacing with bituminous macadam, $21,781.

Jefferson Co., Sect. "J" Ohio River Rd., 0.085 mi., removing rock cliff, $11,375.

O., Akron—Until Oct. 4, by E. A. Zeisloft, dir. Pub. Serv., Delaware Bldg., resurfacing and building sewer in South Main St. from Market to Exchange Sts., asphalt or asphaltic concrete. E. A. Kemmler, engr.; advertised in this issue.

Indiana—By Bd. Co. Comrs. building roads in following counties:

Oct. 4, Dearborn Co., Lawrenceburg, 17,-768 ft. John Shank Rd., Harrison Twp., broken stone. A. E. Jackson, aud.

Jennings Co., Vernon, 14,586 ft. John Keiper Rd., Marion Twp., crushed stone. E. Bemish, aud.

Oct. 5, Alen Co., Ft. Wayne, 14,718 ft. Minnich Rd., Marion Twp.; 15,828 ft. Menshey Rd., Cedar Creek Twp.; 10,950 ft. Scherer Rd., Madison Twp.; 11,115 ft. Pulver Rd., Perry Twp.; 11,036 ft. Ashton Rd., Springfield and Maumee Twps., all stone. A. C. McCoy, aud.

Lake Co. Crown Point, Henry Ohlenkamp et al Rd., West Creek Twp.; John Love et al Rd., West Creek Twp.; Edward Yates et al Rd., Cedar Creek Twp., all gravel. G. M. Foland, aud.

Michigan—Until Oct. 1, by State Highway Dept., at dist. office, Port Huron, grading, draining and surfacing 1.12 mi. State Trunk Line Rd. 19-1, Yale Co., 20 ft. wide, involving 13,098 sq.yd. concrete or bituminous macadam and 4,487 cu.yd. earth excav.; 1.004 mi. State Trunk Line Rd. 21-13, Sect. B, Capac, 20 ft. wide, 11,775 sq.yd. concrete or bituminous concrete, 3,581 cu.yd. earth excav. Noted July 22.

Michigan—Until Oct. 4, by State Highway Dept., Lansing, grading, draining and surfacing 4.155 mi. Assessment Dist. Rd. 394.12 ft. wide, Ingham and Eaton Counties, involving 13,789 cu.yd. earth excav., 29,027 sq.yd. gravel surface, 1,516 lin.ft. pipe culverts, etc.

Michigan—Until Oct. 6, by State Highway Dept., at office of Bd. Rd. Comrs. Montcalm Co., Stanton, grading, draining and surfacing 5.53 mi. Assessment Dist. Rd. 364, 16 ft. wide, Montcalm, Isabella and Mecosta Counties, involving 19,751 cu. yd. earth excav., 51,904 sq.yd. gravel surface, 786 lin.ft. pipe culverts, etc. Noted April 22.

Mich., Grosse Pointe Park (Detroit P. O.)—Until Sept. 28, by city, furnishing labor and material grading, shaping and paving 1,600 ft. Wayburn Ave. from Hampton to Kercheval Aves., 26 ft. wide, involving 4,600 sq.yd. concrete or asphaltic concrete, etc. About $25,000. C. H. Marden, 502 Whitney Bldg., Detroit, engr.

Mich., Ishpeming—Until Sept. 28, by Bd. Rd. Comrs. Marquette Co., grading, draining and surfacing .805 mi. State Trunk Line Rd. 35-6, Sect. B, 15 ft. wide, involving 2,941 cu.yd. earth and 160 cu.yd. rock excav., 7,083 sq.yd. 12 in. waterbound macadam and 2.44 acres clearing and grubbing.

Illinois—Until Sept. 29, by Dept. Pub. Wks. & Bldgs., Springfield, improving 2,102 ft. Route 10, Sect. J, 24 ft. wide, Green Co., earth, cost $5,597; 1,800 ft. Route 5, Sect. G, 10 ft. wide, Franklin Co., concrete, $9,514; grading 8.53 mi. Vandalia-Cairo Highway, Federal Aid Project 14, Sect. 13A, 19 and 30 ft. wide, Union Co., involving 107,815 cu.yd. excav. and 25.3 cu.yd. concrete, 6.27 mi. Sect. 14A, 30 ft. wide, Union and Pulaski Counties, 121,173 cu.yd. excav. and 733 cu.yd. concrete, 4.32 mi. Sect. 15A, 30 ft. wide, Pulaski Co., 96,670 cu.yd. excav. and 169.5 cu.yd. concrete, 5.88 mi. Sect. 16A, 19 and 30 ft. wide, Pulaski Co., 67,490 cu.yd. excav. and 465.2 cu.yd. concrete; .34 mi. Springfield-Danville Highway, Federal Aid Project 18, Sect. 2A, 30 ft. wide, Champaign Co., 13,689 cu.yd. excav.

Wisconsin—Until Sept. 27, by State Highway Comn., at div. office 4, Citizens Natl. Bank Bldg., Grand Rapids, grading and paving 1.31 mi. Mauston-Kilbourn Rd., Federal Aid Project 176, Sauk Co., involving 26.3 cu.yd. Class "A" concrete, 19,602 sq.yd. gravel surfacing, 6,957 cu.yd. earth, 1,161 cu.yd. rock and 373 cu.yd. borrow excav.

Wisconsin—Until Sept. 29, by State Highway Comn., at div. office 5, Batavian Natl. Bank Bldg., La Crosse, grading and paving 2.47 mi. Black River Falls-Alma Center Rd., Federal Aid Project 84 (Sta. 0 to 100 and 139 to 169 plus 50), Jackson Co., involving 24,718 sq.yd. shale surfacing, 16 ft. wide; 3.7 mi. Alma-Mondovi Rd., Federal Aid Project 135, Buffalo Co., 2.2 acres clearing and grubbing, 32,979 cu.yd. earth and 3,996 cu.yd. borrow excav., 602 cu.yd. Class "A" concrete in culverts, 110 cu.yd. Class "A" concrete in bridges, etc.

Wis., Waukesha—Until Sept. 29, by W. Caldwell, engr. Waukesha Co., grading and building bridge on Oconomowoc Relocation, involving 20,000 cu.yd. grading, 2.1 acres clearing and grubbing, 20,000 lb. steel and 318 cu.yd. concrete. State Highway Comn, Madison, engrs.

Minn., Faribault—Until Oct. 6, by Rice Co., graveling 9 mi. Co. Job 2002, involving 1,200 cu.yd. gravel per mile, 24,300 cu.yd. load and haul. About $36,000. P. L. Hazard, Faribault, engr.

Minn., Shakopee—Until Oct. 19, by Scott Co., building 7 mi. Federal Aid Project 93, State Rd. 9, involving 6 acres clearing, 4 acres grubbing, 191,400 cu.yd. overhaul, 11,500 cu.yd. gravel surfacing and 330 cu. yd. concrete culverts. About $55,000. D. Childs, Shakopee, engr.

Neb., Wisner—Until Oct. 7, by City paving streets Dists. 1, 2 and 3, involving 25,862 sq.yd. brick on 5 in. asphalt filler base, 21,600 sq.yd. brick on 4 in. asphalt filler base, 27,400 cu.yd. grading 1,000 ft. free haul, 10,625 lin.ft. 6 in. curbing and 30 in. gutter, 17,856 lin.ft. 6 in. curbing and 24 in. gutter, etc. E. T. Archer & Co., New England Bldg., Kansas City, Mo., engrs. Noted Sept. 16.

Missouri—Until Oct. 5, by State Highway Dept., Sedalia, building 4.76 mi. Sedalia-Marshall Rd. (Sedalia 12 mi. Special Rd. Dist.) Federal Aid Project 122, Pettis Co., involving 8,327 cu.yd. earth excav., 1,694 cu.yd. borrow, 1,955 sq.yd. Telford base course, 44,896 sq.yd. stone for bituminous macadam surface course, 101,016 gal. bitumen for bituminous surface course, 64.8 cu.yd. Class "B" and 10.7 cu.yd. Class "C" concrete masonry, 4,165 lb. reinforcement for concrete masonry, 92 lin.ft. 12-30 in. vitr. clay pipe culverts. About $57,270. Noted July 1.

Tex., Marlin—Until Sept. 30, by E. M. Dodson, judge Falls Co., grading, surfacing and draining 6.84 mi. Highway No. 2, through Precinct 1, inolving 38.3 acres clearing and grubbing, 177 cu.yd. Class "A" concrete, 23,917 cu.yd. gravel, 15,303 lb. reinforcing steel, 67,769 sq.yd. bituminous macadam, 23,811 cu.yd. earth borrow and 13,045 cu.yd. earth excav. About $160,-600. G. W. Courter, Marlin, engr.

Tex., San Antonio—Until Sept. 27, by S. C. Bell, mayor, grading, draining, etc., .52 mi. New Braunfels Ave. from Commerce St. to Dilworth Ave., involving 1,000 lin.ft. concrete curb and 9,000 sq.yd. asphalt, concrete or bituminous macadam, cost between $27,900 and $37,150; .41 mi. Dallas St. from Romana St. to Brooklyn Ave., also Cypress St. from Brooklyn to McCullough Aves., 4,050 lin.ft. concrete curb and 6,800 sq.yd. asphalt, concrete or bituminous macadam, cost between $24,045 and $32,545; .37 mi. Jones Ave. from Kendall to Layer Sts., 3,900 lin.ft. concrete curb and 7,200 sq.yd. asphalt, concrete or bitumnious concrete, cost between $25,110 and $34,110; .86 mi. Ruiz St. from Laredo to Trinity Sts., 16,4[illegible] lin.ft. concrete curb and 16,400 sq.yd. [illegible]phalt, concrete, bituminous concrete or bituminous macadam, cost between $55,140 and $75,640; .54 mi. Brooklyn Ave. from Oakland to Cypress Sts., 4,460 lin.ft. concrete curb and 7,600 sq.yd. concrete or bituminous macadam, cost between $26,805 and $36,305; .44 mi. McCullough Ave. from Cypress St. to Dewey Pl., 5,650 lin.ft. concrete curb and 8,250 sq.yd. concrete or bituminous macadam, cost between $28,9[illegible] and $39,247. H. Hillard, city engr.

Tex., San Antonio—Until Oct. 2, by J. B. Davis, judge Bexar Co., grading, surfacing and draining 6.2 mi. Highway 9 from Atascosa line north, 16 and 18 ft. wide, involving 20.7 acres clearing and grubbing, 13,329 cu.yd. borrow, 10,560 cu.yd. earth, 300 cu. yd. solid rock and 300 cu.yd. loose rock excav., 58,211 sq.yd. bituminous macadam, 5,368 lb. reinforcing steel, etc. About $128,686. C. E. Hoff, San Antonio, co. engr.

Tex., Seguin—Until Oct. 5, by J. B. Williams, co. Guadalupe Co., surfacing 3.256 mi. Meridian Highway 2, from Comal Co. line to Bexar Co. line, 16 ft. wide, involving 28,653 sq.yd. 2 in. bituminous macadam. About $47,280; including 10% for engineering and contingencies. Hess & Skinner, Southwestern Life Bldg., Dallas, engrs.

Washington—Until Oct. 4, by State Highway Comn., Olympia, grading, gravel surfacing and draining 1.6 mi. Inland Empire Highway from Richland to Kennewick, Benton Co.; grading, gravel surfacing, clearing and draining 1.5 mi. North Bank Highway east from Washougal, Clarke Co. J. Allen, state highway comr.

Oregon—Until Sept. 28, by State Highway Comn., Room 520 Multnomah Co. Court House, Portland, grading and macadamizing 4.8 mi. Wren-Blodgett Sect., Corvallis-Newport Highway, Benton Co., involving 8,500 cu.yd. broken stone surfacing; 5.7 mi. Oregon City-Oswego Sect. Pacific Highway, Clackamas Co., 16 ft. wide, hard surface pavement; Hubbard Creek-Brush Creek Sect., Coast Highway, Curry Co., 7,400 cu.yd. broken stone surfacing; Lawen-Crane Sect., Central Oregon Highway, Harney Co., 79,000 cu.yd. excav., 23,000 cu.yd. broken stone surfacing; Kamela-Hilgard Sect. Old Oregon Trail, Union Co., 105,000 cu.yd. excav., 2,300 lin.ft. culvert pipe, 60 cu.yd. concrete; Newberg-West Dayton Sect., West Side Highway, Yamhill Co., 3,069 lin.ft. guard fence; lining tunnel on Hood River-Mosier Sect. of Columbia River Highway, Wasco Co., 300 cu.yd. excav., 220 cu.yd. rubble masonry, 75 cu.yd. Class "A" and 150 cu.yd. Class "C" concrete, etc. H. Nunn, state highway engr.

Que., Montreal—City receiving bids paving Deslisle St., cost $36,750; Albert St., $54,-500; Workman St., $32,410; Benoit St., $3,440. A. E. Doucet, city engr.

CONTRACTS AND PRICES AWARDED

(★Indicates Award of Contract)

★**Maine**—State Highway Dept., Augusta, let contract paving 3.92 mi. state road bituminous macadam, Westbrook, to A. D. Bridges Sons Co., Inc., Hazardville, Conn., $92,739.

★**Maine**—State Highway Dept., Augusta, let contract paving 4.57 mi. state road concrete, Oxford and Norway, to Hassam Paving Co., 17 Federal St., Worcester, Mass., $133,183.

★**Maine**—State Highway Comn., Augusta, let contract graveling 3.31 mi. state highway, Houlton, to Greenwood Constr. Co., Skowhegan, $61,857; 3.6 mi. state road, Island Falls and Dyer Brook, to M. Hughes, Bangor, $70,481. Noted May 20.

★**Maine**—State Highway Comn., Augusta, let contract building 2.25 mi. concrete road from Norway to Paris Twp. to J. H. Kerr, Rumford. About $75,000. Noted July 22.

★**Massachusetts**—State Highway Comn., Poston, let contract paving state highway, bituminous macadam, Kingston, to Lane Constr. Co., 37 Colony St., Meriden, Conn., $60,181.

★**Mass., Ayer**—Town let contract repairing various highways, asphalt, to Hanscom Constr. Co., 70 Kilby St., Boston. About $40,000.

★**Mass., Boston**—City let contract paving Albany St., granite block, to J. Doherty, 33 Calumet St., Roxbury, $42,144. Noted Sept. 9.

★**Mass., Pembroke**—Town let contract repairing various roads to Atwood-Thomas Constr. Co., Middleboro. About $25,000.

★**Conn., East Hartford** (Hartford P. O.)—Town let contract paving Hillstown Rd., waterbound macadam, to Natl. Constr. Co., 756 Main St., Hartford. About $25,000.

Streets and Roads (Continued)

★**Conn., Meriden**—City let contract paving South Colony St. from New York, New Haven and Hartford R.R. to south line of Cooper and Perkins Sts., to M. Moulton, Jr., Inc., 6 Beacon St., Boston, work involves 7,836 sq.yd. bitoslag at $2.84 per sq. yd.; 3,600 lin.-ft. bitoslag curbing, $1.85, etc. Cost between $35,000 and $40,000.

N. Y., Brooklyn — E. Riegelmann, boro. pres., received bids Sept. 15 improving (a) Bedford Ave. from Eastern to Empire Blvds., (b) Bedford Pl. from Brevoort Pl. to Atlantic Ave., (c) Bleecker St. from St. Nicholas Ave. to boro. line, (d) Bradford St. from Dumont to Livonia Aves., (e) Crooke Ave. from Brighton Beach R.R. to Ocean Ave., (f) Tillary St. from Fulton St. to Washington Ave., (g) 6th Ave. from 62d to 63d Sts., from Leonard Paving Co., 233 Bway., New York City, (a) $80,596; Rosenthal Eng. Co., (a) $83,396; M. J. O'Hara, (a) $83,491, (f) $5,022; Uvalde Asphalt Paving Co., 1 Bway., New York City, (b) $8,646, (c) $3,079, (d) $13,199, (e) $4,007, (g) $6,340; Brooklyn Alcatraz Asphalt Co., 1 Bway., (b) $8,967, (c) $3,150, (d) $13,831, (e) $4,057, (g) $6,012; Grecco Bros., (f) $4,414; Scanlon Bros., (f) $4,489. Noted Sept. 9.

★**N. Y., Long Island City**—M. E. Connolly, pres. Queens Boro., let contract improving Park Lane, to Gibbet Constr. Co., $95,350; 42nd St., to Kennedy & Smith, 94 Main St., Flushing, $1,950; Harper Ave., to Welsh Bros., 14 Queen St., Astoria, $9,500; filling lot on side of Tompkins Pl., to C. Kurth, $875. Noted Sept 16.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro., received bids Sept. 20, improving (a) 16th and Arcadia Aves., (b) Havemyer St., (c) 2 sections Rockaway Blvd., (d) Shell Rd., (e) Strongs Causeway, (f) Bridge Plaza north and south (sheet asphalt), (g) Bridge Plaza north and south (granite block), (h) Cooper Ave., (i) College Point Causeway, (j) 8th Ave., (k) 1st St., (l) Lawrence Ave., (m) Prospect St., from R. A. Hess, 14 Queens St., Astoria, (a) $1,386, (b) $23,596; Welsh Bros., (a) $1,575, (g) $85,110; Pease Bros., (a) $1,837, (b) $25,781, (i) $48,580, (l) $65,539; Kennedy & Smith, 94 Main St., Flushing, (b) $25,063, (g) $92,460; Union Paving Co., Bway. and 112h St., New York City, (c) $65,315 and $72,095 respectively, (d) $147,987, (e) $95,010, (f) $34,342, (h) $30,690, (j) $48,085, (k) $57,125, (m) $26,472; Sicilian Asphalt Paving Co., 41 Park Row, New York City, (f) $32,480, (m) $26,204; Consolidated Asphalt Corp., 52 9th St., Brooklyn, (f) $38,650, (j) $48,246, (k) $57,442, (m) $30,897; Astoria Constr. Co., (g) $93,110; A. Mayers, (i) $30,680; H. J. Mullen, Fulton St., Jamaica, (i) $35,720, (l) $61,340; Cleveland Trinidad Co., Flushing, (j) $48,867, (k) $58,204. Noted Sept. 16.

★**N. Y., Niagara Falls**—City let contract improving Niagara St. between 3rd and 9th Sts., to Read-Coddington Eng. Co., 238 Portage Rd., $36,485.

N. Y., Niagara Falls—City received bids Sept. 3, paving 3rd St. between Falls and Main Sts., from Raed-Coddington Engr. Co., 238 Portage Rd., (sheet asphalt) $49,066, (asphaltic concrete) $48,262, (wood block) $62,730.

N. Y., New York—H. H. Curran, pres. Manhattan Boro., received bids Sept. 15 improving (a) 54th St. from 7th to 9th Aves., (b) West End Ave. from 69th to 72d Sts., (c) West End Ave. from 76th to 91st Sts., (d) 4th Ave. from 32d to 34th Sts., (e) Front St. from Montgomery to Jackson Sts., from W. J. Fitzgerald, 547 West 45th St., (a) $40,901, (b) $28,304, (c) $153,612, (d) $13,563, (e) $30,766; J. L. Brusstar, Harlem River and 150th St., (a) $44,313; Asphalt Constr. Co., 547 West 45th St., (a) $45,850, (b) $30,396, (c) $166,488; Uvalde Asphalt Paving Co., 1 Bway., (b) $33,011, (c) $234,111; P. J. Kearns, 2306 Creston St., (d) $13,379, (e) $31,325. Noted Sept. 9.

N. Y., S. I., St. George—C. D. Van Name, pres. Richmond Boro., received bids Sept. 20, repaving Arthur Kill Rd. from Woodrow to Richmond Rds., from J. Donovan, 2205 Richmond Terrace, Port Richmond, $164,042; Aivixa Corp., $169,077; W. P. McDonald, Port Richmond, $177,585. Noted Sept. 16.

N. Y., S. I., St. George—C. D. Van Name, pres. Richmond Boro., received bids Sept. 14, repaving with concrete roadway of Arthur Kill Rd. from Sharott to Fosters Rds., from W. J. McDonald Constr. Co., $165,071; J. Johnson Sons, $174,470; J. E. Donovan, 2205 Richmond Terrace, Port Richmond, $175,386.

N. Y., S. I., St. George—C. D. Van Name, pres. Richmond Boro., received bids Sept. 15, repaving Arthur Kill Rd. from Woodrow to Richmond Rds., from W. P. McDonald, $163,120; Awixa Corp., Mt. Vernon, $167,097. Noted Sept. 9.

★**New Jersey**—State Highway Dept., Broad St. Bank Bldg., Trenton, let contract surfacing 8,000 sq.yd. Route 1 from Highland Park to Hotel Pine, to Standard Bitulithic Co., 50 Church St., New York City. About $34,000. Noted Aug. 26.

N. J., Jersey City—Bd. Freeholders Hudson Co. received bids Sept. 9, improving Schuyler Ave. in Harrison and Kearny, from Oak Contractors Supply Co., 38 Park Row, New York City, $133,853; Standard Bitulithic Co., 50 Church St., New York City, $136,403. Noted Aug. 26.

N. J., Newark—Essex Co. received bids Sept. 7, improving (a) Heller Parkway, involving 1,000 cu.yd. filling, 500 cu.yd. excav., 200 ft. curbing, 5,700 cu.yd. bitoslag; (b) Chancellor Ave., Irvington, 42,000 sq.ft. bitulithic paving, 10,000 cu.yd. excav., 600 ft. header curbing; (c) Chancellor Ave., South Orange, 3,000 cu.yd. bitulithic or Warrenite paving, 1,000 cu.yd. excav.; (d) Belleville Ave., Glen Ridge, 10,000 cu.yd. excav., 1,200 ft. header curbing, 28,500 cu.yd. bitulithic or Warrenite paving; (e) Franklin Ave., Nutley, 300 cu.yd. excav., 850 ton broken stone, 500 cu.yd. scarifying, 6,200 sq.yd. bitoslag; (f) John St., 9,000 cu.yd. excav., 1,000 ft. header curbing, 29,000 sq.yd. bitoslag paving; (g) Franklin Ave., 500 cu.yd. excav., 1,200 ton broken stone, 15,000 sq.yd. scarifying, 12,800 sq.yd. bitoslag paving; (h) Rutgers St., Belleville, 1,600 cu.yd. excav., 300 ft. header curbing, 5,100 sq.yd. bitoslag; from Northern Constr. Co., 75 Montgomery St., Jersey City, (a) $30,130, (d) $155,067 (e) $22,281, (f) $152,020, (g) $42,796, (h) $27,663; Crescent Constr. Co., Berger St., Harrison, (a) $30,394, (e) $26,645, (f) $161,200, (g) $43,481, (h) $28,450; Standard Bitulithic Co., 50 Church St., New York City, (b) $204,480, (c) $15,700, (d) $158,000; Newark Paving Co., 133 1st St., (b) $231,090; Osborn & Marsellis, Bellevue Ave., Montclair, (e) $21,406, (g) $41,344.

★**Pennsylvania**—State Highway Dept., Harrisburg, let contract building 34,837 ft. 1 course rein.-con. roadway on Route 115, Washington Co., to S. Gamble Co., Carnegie, $475,646. Noted June 24.

★**Pa., Phila.**—City let contracts to T. L. Flanagan, 1240 East Montgomery St., grading Grange Ave., $4,971 and Old Front St., $1,540; to R. B. Wenner, Franklin Trust Bldg., Basel St., $33,245; to Curtice Bros., League Island, Ditman St. (sidewalks), $876; to Estate of D. McMahon, Germantown and Chelton Sts., 16th St., $891; to Barber Asphalt Paving Co., Land Title Bldg., paving 20th St., $23,533 56th St., $20,372, 60th St., $24,585, 62nd St., $24,687, 65th St., $16,849, 69th Ave., $9,210, 71st and 72nd Sts., $17,076, 73rd St., $12,944, Woodstock and Lambert Sts., $7,565, Pine St., $10,160, Locust St., $9,204, Grange Ave., $26,030, Greenway Ave., $9,799, Cedar Ave., $11,357; to Eastern Paving Co., Colonial Trust Bldg., A St., $4,987, Beechwood St., $5,156, Chew St., $13,016, Clearview St., $3,830, Front St., $12,197, Lindley Ave., $5,512, Luray St., $14,475, Palethorpe St., $15,032, Palmetto St., $3,275, Rubicam St., $12,272, Ruscomb St., $13,824, Westmoreland St., $8,588, American St., $11,689, Dungan, Floyd and Glendale Sts., $3,504; to Mack Paving & Constr. Co., Nicetown Lane and C St., Albanus St., $6,317. Noted Sept. 9.

★**W. Va., Beckley**—Raleigh Co. let contract grading and draining 4¼ mi. Jarrolds Valley-Concord Rd., to Jutton Constr. Co., Pikesville, Ky., $115,379.

★**W. Va., Buchanan** — City let contract building 20,000 yd. Kanawha, Florida and Locust Sts., to Federal Paving Co., Hamilton, O. About $58,200.

★**W. Va., Ripley**—Jackson Co. let contract paving 1 mi. Ravenswood-Sandyville Rd., vitr. brick, to Bitting & Carr, Ripley, $47,930.

★**W. Va., Wellsburg**—Brooke Co. let contract paving 2 mi. River Rd. in Buffalo Dist., to Keely Constr. Co., Clarksburg, $56,220.

★**North Carolina**—State Highway Dept., Raleigh, let contract graveling 21 mi. Federal Aid Project 98A, Raleigh-Charlotte Highway, Moore Co., to J. T. Plott, Greensboro, $150,000; surfacing 10.25 mi. Federal Aid Project 101A, Ashboro-Graham Highway, Randolph Co., clay gravel, to S. L. Davis & Sons, Knoxville, Tenn., $85,000; 6 mi. Federal Aid Project 38, Natl. Highway, Caswell Co., clay gravel, to Boston Constr. Co., Marion, $50,000; 10 mi. clay gravel road from Raeford to Cumberland line, Hoke Co., to Jamison Bros., Rocky Mt., $53,000; 19.75 mi. Warrenton-Nashville Highway, Warren Co., clay gravel, to Chandler & England, Virgilina, Va., $160,000; 10 mi. Federal Aid Project 78, Wilmington-Asheville Highway, Rutherford Co., clay gravel, to R. E. Oliver, Knoxville, Tenn., $65,000; 6.5 mi. clay gravel road in Haywood Co., to O'Brien Constr. Co., Birmingham, Ala., $81,250; 5 mi. Boone Trail, Mitchell Co., rock asphalt, to Gibson Constr. Co., Knoxville, Tenn., $185,000.

★**North Carolina**—State Highway Dept., Raleigh, let contract building 7 mi. State Aid Project 100 A and 7 mi. Project 100 B, Western North Carolina Highway, Avery Co., waterbound macadam, and 2½ mi. gravel road, Madison Co., to Southern Dray Co., Asheville, $158,000, $124,000 and $75,000 respectively.

★**Ind., Ft. Wayne**—Allen Co. let contract grading, draining and paving 7,837 ft. Pontiac St. and Beuter Rd., 18-24 ft. wide, concrete, to J. C. O'Conner & Son, 2440 Hoagland Ave., $144,039. Noted Aug. 19.

★**Ind., Ft. Wayne**—City let contracts grading, draining, curbing and paving 356 ft. Cherry St., 26 ft. wide, 588 ft. Comparet St., 26 ft. wide, 455 ft. Howell St., 24 ft. wide and 942 ft. State Blvd., 24 ft. wide, to Grace Constr. & Supply Co., 221-23 Utility Bldg., $38,929. Noted Aug. 12.

★**Michigan**—State Highway Dept., Port Huron, let contract grading and draining 5.72 mi. State Trunk Line Rd. 27-13, to H. Campbell & Son, Port Huron, $30,346. Noted Sept. 2.

★**Mich., Detroit**—City let contract furnishing labor and material for grading, shaping and paving with 1 course concrete, 2 x 6 in. retaining plank, alley 1,194 between Northfield, Ironwood, Vancouver and Ivanhoe Sts., 18 ft. wide, to Otis Cement Constr. Co., 806 Hammond Bldg., $8,636; 1,195 "T" alley between Coplin St., Piper Blvd., Freud and Jefferson Aves., 1,197, unpaved "T" alley between Belvidere, McClellan, Mack and Sylvester Aves., 1,200 east and west alley between Elmwood, Ellery, Benson and Heidelberg Sts., all 18 ft. wide, to R. A Mercier, 746 Hudson Ave., $8,963, $6,739 and $5,654, respectively; 1,196 between Goodwin, Cameron, Owen and Westminster Sts., 1,199, "T" alley between Greenwood, 4th, and Merrick Sts. and Reed Pl., both 15 ft. wide, 1,201, north and south alley between Maxwell, Seminole, Gratiot and Medbury Sts., 18 ft. wide, to Lester & Shepard, 400 Penobscot Bldg., $5,809, $4,933 and $8,739 respectively; 1,198 "T" alley between Junction, Morrell, Fort and Lafayette Sts., 18 and 20 ft. wide, 1,202 between 12th, Wilson, Chicago and Boston Sts., 1,203 between Ironwood, Beechwood, Allendale and Pacific Sts., both 20 ft wide, to R. J. Powelson Co., 1577 Iroquois St., $7,009, $7,588 and $5,232 respectively.

★**Mich., Muskegon**—Bd. Rd. Comrs. Muskegon Co. let contract grading, draining and surfacing 1.993 mi. State Trunk Line Rd. 24-12, 16 ft. wide, to O. M. Whilton, 102 5th St., $48,177. Noted Aug. 26.

★**Illinois** — Dept. Pub. Wks. & Bldgs., Springfield, let contracts building Federal Aid Project 1, Sect. 23, Lee Co., to Pleas Constr. Co., 6 North Clark St., Chicago, $19,975; Federal Aid Project 2, Sects. L and M, Iroquois Co., to Hedges Constr. Co., Greenup, $29,040 and $19,357 respectively.

★**Illinois** — Dept. Pub. Wks. & Bldgs., Springfield, let contracts paving following sections of Effingham-Fairfield Highway, Federal Aid Project 23: 1.93 mi. Sect. 2A and 1.81 mi. Sect. 4A, Effingham Co., to Mautz & Oren, St. Elmo and Buis & Olson, St. Joseph, Mo., $28,388 and $36,713 respectively, 2.13 mi. Sect. 5A and .97 mi. Sect. 6A, Clay Co., to Cameron-Joyce & Co., Keokuk, Ia., $52,617 and $36,200 respectively, 0.4 mi. Sect. 7A, Clay Co., to M. Frazier, Louisville, $8,355; 1.94 mi. Sect. 8A, Clay and Wayne Counties, to D. C. Jordan, Rinard, $42,610; Mt. Vernon-Fairfield Highway, Federal Aid Project 16, 1.31 mi. Sect. 17A, Wayne Co., to Jobst & Gates, Peoria, $38,522; Springfield-Danville Highway, Federal Aid Project 18, 1.75 mi. Sects. 5A, Champaign and Piatt Counties, to W. Henderson, Aurora, $12,403; 0.34 mi. Sect. 6A and 0.5 mi. Sect 7A, Piatt Co., to W. F. Lodge, Monticello, $8,799 and $4,732 respectively; 1.51 mi. Sect. 12A, Macon Co., to S. B. Stewart, Oreana, $17,635; East Moline-Princeton Highway, Federal Aid Project 20, 0.95 mi. Sect. 2A, 5.94 mi. Sect 3A, Henry Co., to Goggin Constr. Co., Arcola, total, $63,552; 0.69 mi. Sect. 4A and 1.4 mi. Sect. 5A, Henry Co., to Laird & Brownell, New Canton, $7,559 and $10,854 respectively; 1.64 mi. Sect. 6A, Henry Co., 4.34 mi. Sect. 7A, Henry and Bureau Counties, and 1.57 mi. Sect. 8A, Bureau Co., to E. A. Lord Constr. Co., Monmouth, total, $58,900; 0.89 mi. Sect. 10A and 0.21 mi. Sect.

Streets and Roads (Continued)

11A, Bureau Co., to Gund-Graham Co., Freeport, total, $19,907; Monmouth-Galesburg Highway, Federal Aid Project 21, 0.9 mi. Sect. 2A, Warren Co., to Keokuk Quarry & Constr. Co., Keokuk, Ia., $22,997; Kankakee-Dixie Highway, Federal Aid Project 22, 0.32 mi. Sect. 1A, Kankakee Co., Shidler Constr. & Material Co., Kankakee, $6,450; Vandalia-Cairo Highway, Federal Aid Project 14, 3.09 mi. Sect. 3A, Jackson Co., to Hamilton Bros., Carbondale, $33,130; 3.92 mi. Sect. 23A, Fayette Co., also National Highway, Federal Aid Project 9, 1.64 mi. Sect. W, Fayette Co., to A. M. Hoolan, 607 Wainright Bldg., St. Louis, Mo., total, $171,400. Noted Aug. 19.

★**Wis., East End** (Superior P. O.)—Douglas Co. let contracts improving Lakeside Rd., Maple Twp., to Cole Bros., South Wayne, $9,073; Lakeside Rd., Lakeside Twp., to P. V. Leverin, Poplar, $1,000; Dewey-Borea Rd., Superior Twp., to O. A. Holmes and E. V. Peterson, Poplar, $1,580; Black River Rd., Superior Twp., to O. Olson, Superior, $7,706; Black River Falls Rd., Summit Twp., to J. A. Hearle, South Range, $3,481; State Trunk Highway 35, Summit and Superior Twps. also Summit and Dairyland Twps., to Peabody & Young Co., St. Paul, Minn., $19,291 and $37,130 respectively; Bardon Ave., Superior Twp., to J. Neuman, Superior, $14,651; **Grand Ave.**, Amnicon and Hawthorne Twps., to Runquist, Thide & Williamson, Duluth, Minn., $23,073; Stone Rd., Nebagamon Village, to R. Anderson, Lake Nebagamon, $3,497; Norwell Rd., Solon Springs Twp., to A. O. Carlson, Bennett, $4,110; Brule Rd., Brule Twp., to C. Bong, Poplar, $4,860.

★**Wis., Sheboygan**—City will grade, pave and build sidewalks with combined curb and gutter on 0.9 mi. East Water St. from Pennsylvania Ave. to North 6th St., 22 ft. wide. About $25,000. Work will be done by day labor under supervision of C. U. Boley, city engr.

Wis. Sheboygan—City received only bid for grading, paving with 2 course rein.-con. and building sidewalks with combined curb and gutter on 1 mi. Bluff Ave., 20 ft. wide, from F. Pestien, 1215 Huron Ave., gutter, $0.90 per lin.ft.; paving, $3.12 per sq.yd.

★**Wis., Waukesha**—Waukesha Co. let contract mproving Arcadian Ave., Waukesha Twp., to Froemming Bros., Humboldt Ave., Milwaukee, $71,583.

★**Wis., West Allis** (Milwaukee P. O.)—City let contract improving 68th Ave., to Milwaukee Genl. Constr. Co., 857 8th Ave., Milwaukee, $38,148.

★**Minn., Aitkin**—Aitkin Co. let contract repairing 10.483 mi. Black Diamond Trail, near Trouer Lake, Jevne and McGregor Twps., macadam, to B. Olson, Aitkin, $38,407.

★**Minn., Carlton**—Carlton Co. let contract building Federal Aid Project 123, State Bd. 1, involving 2¼ mi. excav., clearing and grubbing, etc., to Gran-Biberg-Berala, Carlton, $17,900; Bridge 3314 to have two 26 ft. clear concrete spans, to Minneapolis Bridge Co., 1035 Metropolitan Life Bldg., $6,790; State Rd. 7, involving 2¾ mi. graveling, to J. Lundin, Cromwell, $1.24 per cu.yd. Noted Aug. 26.

★**Montana**—State Highway Dept., Helena, let contracts building 17 mi. Sect. B, Yellowstone Trail Highway, Federal Aid Project 86 B, to J. E. Hilton, Sheridan, Wyo., $121,711; 25.346 mi. Baker-Ekalaka Highway, Federal Aid Project 48, both Fallon Co., to B. P. Melchert, 203 Montana Bldg., Lewistown, $79,284; bridges on 8.71 mi. Belknap-Furlong Highway, Federal Aid Project 90, Sanders Co., involving 71.1 cu.-yd. Class "A" and 103.8 cu.yd. Class "B" concrete, cost $38. and $37 respectively, 10,548 lb. reinforcing and 29,600 lb. structural steel, $0.12 and $0.16 respectively, 192 lin.ft. piling, $2. and 18,000 ft. lumber in bridges, $90., to H. S. Lord, Missoula, total cost $14,548.

Missouri—State Highway Dept., Richmond, received bids Sept. 10, building 2.04 mi. State Rd. from Richmond eastward, 24 ft. wide, State Aid Project S 20.5, Ray Co., involving (1) 20,467 cu.yd. earth excav., (2) 119 cu.yd. Class "B" concrete masonry, (3) 16.8 cu.yd. Class "C" concrete masonry, (4) 9,840 lb. reinforcement for concrete masonry, etc., from W. A. Ross, Kansas City, Mo., (1) $0.79 per cu.yd., (2) $35, (3) $30, (4) $0.10, total cost $22,546; Schmidt & Land, St. Joseph, (1) $0.85, (2) $35, (3) $30, (4) $0.10, total cost $23,671; E. C. Johnson, Jefferson City, (1) $0.81, (2) $35, (3) $30, (4) $0.10, total cost $22,955. Noted Sept. 2.

★**Tex., Cameron**—Milam Co. will grade and drain 5.72 mi. Highway 44 through Ben Arnold Dist. 18, 14 ft. wide, involving 5 acres clearing and grubbing, 24, 012 cu.yd. borrow and 5,263 cu.yd. earth excav., 25,145 lb. reinforcing steel, 272.02 cu.yd. Class "A", 58.4 cu.yd. Class "B" and 125 cu.yd. 1:2:3 concrete, cost $26,047, including 10 per cent for engineering and contingencies. Work will be done by day labor under supervision of H. Reeves, co. comr.

★**Tex., Cleburne**—Johnson Co. let contracts grading, surfacing and draining 8 mi. Cleburne and Rio Vista Highway, 18 ft. wide (county to furnish all materials), involving 8,000 cu.yd. concrete, 75,000 cu. yd. gravel, 42,000 cu.yd. earth and 4,500 cu.yd. rock excav., to Williams, Burks & Co., Jacksonville, $40,000; grading, surfacing, draining and building steel bridge on 8 mi. Lone Willow-Cleburne Highway, 18 ft. wide (county to furnish materials), 6,000 cu.yd. concrete, 85,000 cu.yd. gravel, 50,000 cu.yd. earth and 4,000 cu.yd. rock excav., to O'Connor & Gilkinson, Dallas, $50,000. Noted Aug. 26.

Tex., Hillsboro—Hill Co. received bids Sept. 4, grading, surfacing and draining 14.9 mi. Highway 31 through Hill Co., 15 ft. wide, from Bibb & Hughes, Waco, $162,520; Cook & Arrington, Crockett. Work involves 114,077 cu.yd. borrow and 28,970 cu.yd. earth excav., 84,477 lb. reinforcing steel, 1,039.8 cu.yd. Class "A" and 30.7 cu.yd. Class "B" concrete. County to furnish c.i. pipe, 27,439 cu.yd. gravel, etc., cost $66,407. Noted Aug. 26.

Tex., Hillsboro—Hill Co. received bids Sept. 4, grading, gravel surfacing and draining (1) 8 mi. roads in Aquilla Special Rd. Dist. 12, 15 ft. wide, involving 15,000 cu.yd. earth and 60,000 cu.yd. borrow excav., 1,000 lb. reinforcing steel, 16,000 cu.yd. gravel, 40 M ft. treated bridge timber, 100 cu.yd. Class "A," 40 cu.yd. Class "B" and 10 cu.yd. Class "C" concrete, etc., (2) 8.5 mi. in Bynum Special Rd. Dist. 10, 15 ft. wide, 50,000 cu.yd. borrow, 30,000 lb. reinforcing steel, 7,000 cu.yd. gravel, 5,000 cu.yd. rock, 300 cu.yd. Class "A," 80 cu.yd. Class "B" and 10 cu.yd. Class "C" concrete, (3) 16 mi. in Abbott Special Rd. Dist. 7, 15 ft. wide, 70,000 cu.yd. borrow, 12,000 cu.yd. earth and 500 cu.yd. rock excav., 30,000 lb. reinforcing steel, 300 cu.yd. Class "A," 100 cu.yd. Class "B" and 10 cu.yd. Class "C" concrete, etc., (4) 40 mi. in Hubbard City and Mt. Calm Rd. Dists., 15 ft. wide, 145,000 cu.yd. borrow and 26,000 cu.yd. earth excav., 60,000 lb. reinforcing steel, 21,000 lb. steel bars, 25,000 cu.yd. gravel, 600 cu.yd. Class "A" 140 cu.yd. Class "B" and 30 cu.yd. Class "C" concrete etc., from Bibb & Hughes, Waco, (1) $90,520, (2) $91,985, (3) $129,236, (4) $244,098; Cook & Arrington, Crockett, (1) $88,195, (2) $94,346, (3) $132,503, (4) $261,025.

★**Idaho**—State Highway Dept., Boise, let contract grading and surfacing 5.35 mi. Gooding-Rupert Highway, 16 ft. surfacing, Gooding Co., involving 8,055 cu.yd. gravel, 20,945 cu.yd. earth and 2,645 cu.yd. rock excav., to R. Paysee, Twin Falls, $49,850. Noted March 11.

★**Wash., Colfax**—Whitman Co. let contracts paving with crushed rock macadam 2.5 mi. road in Impvt. Dist. 7 and 1.5 mi. in Impvt. Dist 8, to Highway Constr. Co., Colfax, $123,836 and $70,906 respectively.

★**Wash., Seattle**—City let contracts paving 24th Ave. N., et al, to R. G. Stevenson, 1327 Ewing St., $38,790; building sidewalks, curbs, etc., on 15th Ave., N.E., et al., to Fiorito Bros., 6022 2d St., N.W., $33,783. Noted Sept. 16.

Wash., Seattle—King Co. received bids Sept. 7, paving 1 mi. R. A. Ballinger Rd., 18 and 20 ft. wide, involving 4,700 cu.yd. earth excav. and 10,652 sq.yd. concrete or brick, from Kaiser Paving Co., Everett, $39,531; J. W. Hoover, Everett, $45,724.

Oregon—State Highway Comn., Salem, received bids Aug. 24, surfacing 15 mi. John Day River-Blalock Sect. Columbia River Highway, Gilliam Co., broken stone, from A. D. Kerr, 178 East 15th St., Portland, $135,760; Porter & Conley, Portland, $147,800 (broken stone and screened gravel) $144,230. Noted Aug. 19.

★**Oregon**—State Highway Comn., Salem, let contracts gravel surfacing 4.94 mi. McMinnville-West Dayton Sect. West Side Highway, Yamhill Co., to E. A. Palmer, Lafayette, $24,395; 9.36 mi. Butte Creek Sect. John Day River Highway, Wheeler Co., to Blake-Compton Co., McMinnville, $74,160; 4.55 mi. Cole Bridge-Danby Ranch Sect. John Day River Highway, Grant Co., to J. Ross, Prairie City, $26,960; grading and gravel surfacing 7.86 mi. Haines-North Powder Sect. Old Oregon Trail Highway, Baker Co., to Oxman & Harrington, Baker, $99,340. Noted Aug. 19.

★**Cal., Cottonwood**—Bd. Supervs. Shasta Co. (Redding) let contract building ... con. approach to bridge over Sacramento River, here, to Palmer & Patterson, ... ding. About $39,000.

★**Cal., El Centro**—Bd. Supervs. Imperial Co. let contract paving with portland cement concrete, 30 mi. of highways between here and Calexico, Calipatria and Brawley, Imperial and Holtville, to Peterson, Dillon & Patterson, Calexico. About $750,000. County to supply sand and gravel and do rough grading work. Noted Sept. 2.

★**Ontario**—Dept. Pub. Highways, Ottawa, let contract building 3 mi. road, Thurlow and Tynedinaga Twps., macadam. Contracts 129 and 131 to H. T. Routty, 109 Lytton Blvd., Toronto. About $70,000.

★**Ont., Chatham**—Kent Co. let contract building 9 mi. cement concrete road from here to Erie Beach, 22 ft. G. Cutter, Chatham; cost plus percentage basis. Noted Feb. 5.

Railways

PROPOSED WORK

Maine—Maine Central R.R., Portland, plans to extend line from Skowhegan to Norridgewock, about 9.7 mi. B. T. Wheeler, Portland, ch. engr.

South Carolina—J. M. Nichols, Abbeville, and others, having survey made by Carolina Eng. Co., engrs., Wilmington, for 10 mi. line from Abbeville to Donald.

New York—Until Sept. 30, by Pub. Serv. Comn., 49 Lafayette St., New York City, special work for track crossings at Livonia Ave. Yard, Brooklyn. About $25,000.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

Ontario—Grand Trunk Ry., McGill St., Montreal, Que., will build new railway sidings in yards at Thorold and Beachville. Work will be done by day labor under supervision of C. Forrester, supt., York St., London. Noted Sept. 16.

★**Ontario**—Grand Trunk Ry., McGill St., Montreal, Que., will build new sidings and coal chutes at Palmerton. About $50,000. Work will be done by day labor under direction of W. White, Palmerton.

Excavation and Dredging

PROPOSED WORK

Miss., Greenwood—Ditch—Abiaca Creek D. D. plans to build ditch system to reclaim 11,000 acres in Leflore, Holmes and Carroll Counties. About $175,000. Morgan Eng. Co., Goodwin Institute, Memphis, Tenn., engrs.

Ill., Bement—Drainage—Wolf Run Union D. D. 1, Piatt Co., soon receives bids building main ditch, 26,900 ft. long, 5 ft. wide at bottom, involving 46,760 cu.yd. excav.

Wis., Manitowoc—Drain—H. H. Sherwood, plans to organize board to build tile drain in Manitowoc and Calumet Counties, draining 75-100,000 acres. About $50,000. Engineer not selected.

Wis., Sheboygan—Drainage—Sheboygan Co. Drainage Bd. having plans prepared by J. Donohue, engr., 8th St., for Project 1, Sheboygan Falls, Project 2, Lima and Project 3, Sheboygan Falls, to include drainage of low lands. About $50,000. G. W. Wisselink, Hingham, chn.

Ia., Rockwell City—Dutch—Calhoun Co. received no bids Aug. 12, building Joint D.D. 181, Branch Sect. 2, 4 and 5, Calhoun, Sac, Buena Vista and Pocahontas Counties. About $250,000. Noted July 29.

Minnesota—Excavation—State and various counties in northwestern section plan to make surveys of Clearwater and Thief Rivers to prevent high water and floods. Rivers may be widened and deepened. G. W. Walker, Thief River Falls, engr. for Clearwater River, and J. Baugh Warren, engr. for Thief River.

Wyo., Casper—Ditches—City election Nov. 2, to vote on $50,000 bonds to build drainage ditches.

BIDS DESIRED

Miss., Cleveland—Canals—Until Oct. 7, by Drainage Comrs. Laban Bayou D.D., Bolivar Co. excavating Ditch 1, involving 384,861 cu.yd.; Ditch 2, 15, 100 cu.yd.; Ditch 3,115,553 cu.yd.; Ditch 4,16,763 cu.yd.; Ditch 5, 10880 cu.yd.; Ditch 5, 15,200 cu.yd.; Ditch 7, 29,387 cu.yd.; Ditch 7A, 30,980 cu.yd. Ditch 8, 74,851 cu.yd.; Ditch 9, 19,552 cu.yd.; Ditch 10, 92,660 cu.yd. and Ditch 11, 8,004 cu.yd. W. W. Boone, Cleveland, civil engr. Noted July 29.

Miss., Cleveland—Canals—Until Oct. 7, by Drainage Comrs. Christmas D.D., Bolivar Co., excavating Ditch 1, involving 192,072 cu.yd.; Ditch 2, 97,304 cu.yd.; Ditch 2A, 21,400 cu.yd.; Ditch 3, 10,011

Excavation and Dredging (Continued)

cu.yd.; Ditch 4, 67,434 cu.yd.; Ditch 5, 48,816 cu.yd.; Ditch 6, 8,848 cu.yd.; Ditch 7, 41,489 cu.yd.; Ditch 8, 10,152 cu.yd. W. W. Boone, Cleveland, civil engr. Noted

Ia., Wapello—Drainage—Until Oct. 5 (change of date), by Bd. Supervs. Louisa Co., furnishing labor and material for drainage work in D.D. 22 and 23. F. G. Wright, engr. advertised in this issue. Noted Sept. 9.

Mont., Billings—Drain—Until Sept. 29, by G. Noyes, Drain Comr. Yellowstone Co., building Clayton drain, involving 28,711 ft. 4-26 in. salt glazed vitr. clay drain tile, 11,960 cu.yd. excav. and 10 concrete manholes with covers.

Col., Lamar—Drainage—Until Oct. 2, by Amer. Beet Sugar Co., Rocky Ford, dredging 15,900 ft. open ditch in Powers Co., involving 104,610 cu.yd. excav.; advertised in this issue.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Ill., Aurora**—Drainage—Kane Co. let contract building drains in Union D. D. 1, involving 1,140 cu.yd. excav. and 22,265 ft. 12-26 in. tile, to Streator Drain Tile Co., Streator, also Carpenter-Henderson Co., 118 North La Salle St., Chicago.

★**Minn., Echo**—Ditch—Yellow Medicine Co. let contract building Town Ditch 2, involving 244,770 cu.yd. excav., to Wilson Bros., 809 Security Bldg., Minneapolis, at $.17 per cu.yd. About $40,510.

★**Col., Craig**—Irrigation—J. M. Jones, 1415 Park Ave., Racine, Wis., let contract building 1,100 ft. ditch, 35 ft. wide, to irrigate 5,700 acres of land, in Moffat Co., to J. Gooldy, Craig. About $80,000.

★**N. B., St. John**—Dredging—City let contract dredging 22,100 cu.yd scow measurement of sand, silt, gravel and clay in the deep water berths at West St. John to J. A. Gregory, West St. John, $0.32 per cu.yd. Noted Aug. 12.

Industrial Works

PROPOSED WORK

Mass., Boston—J. F. Krokyn, archt., 484 Blue Hill Ave., Roxbury, soon lets contract building 3 story, 33 x 50 ft., brick, stone and steel mercantile building, concrete foundation, on Chambers St. About $50,000. Owner's name withheld.

Mass., East Pepperell—Nashua River Paper Co. plans to build rein.-con. addition to plant. About $100,000.

Mass., Holyoke—Perfect Safety Paper Co., Winter St., plans to build 60 x 100 ft., brick and concrete addition to plant, on Appleton and Winter Sts. About $100,000. Howes & Howes, 243 High St., archts.

R. I., Pawtucket—Perry & Whipple, archts. and engrs., Rhode Island Hospital Trust Bldg., Providence, soon let contract building 1 story, brick and timber addition to mill, rein.-con. flooring, concrete foundation, for Hope Webbing Co., 1005 Main St. About $100,000. Noted Aug. 26.

Conn., New Britain—B. Jahn Mfg. Co., 6 Chestnut St., rejected bids building 2 story, 40 x 150 ft., mill construction addition to factory, concrete foundation, on Cherry and Ellis Sts. About $50,000. Project indefinitely postponed. Noted Aug. 26.

N. Y., New York—J. Ruppert, Inc., 1639 3rd Ave., having plans prepared by Maynicke & Franke, archts. and engrs., 25 East 26th St., for 2 story, 50 x 200 ft. auto repair shop, rein.-con., brick and steel, rein.-con. flooring, concrete foundation, at 243 East 90th St. About $50,000.

Pa., Phila.—J. F. Shellenberger, Front and Race Sts., soon lets contract building 5 story, 57 x 66 ft. candy factory, concrete and brick, at 107 Race St. A. B. Lacey, 1012 Walnut St., archt.

Del., Wilmington—Wilmington Sugar Refinery Co. plans to build brick, steel and rein.-con. refinery, rein.-con. flooring, concrete foundation. About $2,000,000. W. Higginson, 18 East 41st St., New York City, archt. and engr.

Md., Baltimore—Baltimore Malleable Iron & Steel Castings Co., Charles and Wells Sts., plans to build additional blast furnaces and install other equipment. About $100,000.

Md., Baltimore—Owens & Sisco, archts., 1605 Continental Bldg., soon let contract building 3 story, 60 x 150 ft. service station, brick and rein.-con., concrete foundation, on Maryland Ave. and Oliver St., for Del-Mar-Va-Nash Motors Co., 134 West Mt. Royal Ave. About $200,000. C. L. Reeder, Park Ave. and Saratoga St., engr.

O., Cleveland—Fageol Motors Co., c/o S. Regar of Chandler Motor Co., East 131st St. and St. Clair Ave., plans to build 3 story, rein.-con. brick and steel factory, rein.-con. flooring, brick and concrete foundation. About $200,000. Architect and engineer not selected.

O., Cleveland Heights (Warrensville P. O.)—City Ice Delivery Co., c/o H. D. Norvall, Cadillac Bldg., Cleveland, soon lets contract building 1 story, 66 x 84 ft., brick and steel storage plant, brick foundation, on Cedar and Lee Rds. About $100,000. C. C. Coneby, Cadillac Bldg., Cleveland, archt. and engr.

O., Dayton—Central Motor Co., Main and Apple Sts., plans to build 2 story, 80 x 145 ft., rein.-con. and brick factory, rein.-con. flooring, concrete foundation, on 3d and Horace Sts. About $100,000. Architect not selected.

O., East Liverpool—Natl. Drawn Steel Co. had plans prepared for 1 story, 100 x 170 ft., rein.-con., brick and steel warehouse, rein.-con. flooring, concrete foundation. About $65,000. A. L. Trout, 715 Stevens Bldg., Detroit, engr.

O., Toledo—Maumee Tire & Rubber Co., 705 Madison Ave., having plans prepared by Osborn Eng. Co., archts. and engrs., 2848 Prospect Ave., for 3 story, 100 x 300 ft., rein.-con., brick and steel factory, rein.-con. flooring, brick and concrete foundation, on Lacky Rd. About $300,000. G. G. Morrison, pres.

Mich., Detroit—Consolidated Cigar Co., St. Aubin Ave., having plans prepared by A. Kahn, archt., Marquette Bldg., for 3 story, 92 x 100 ft., brick and steel factory. About $90,000.

Mich., Marysville—Aluminum Castings Co. plans to build 2 story, brick and steel factory, brick foundation, here. About $75,000. E. E. Allyne, 2800 Harvard Ave., Cleveland, O., pres. Private plans.

Wis., Fond du Lac—Fountain City Ice Cream Co., 218 South Main St., having plans prepared by B. E. Mehner, archt., 6 East Division St., for 2 story, 60 x 180 ft. dairy plant, rein.-con. and steel, rein.-con. flooring, concrete foundation, on Division St. About $80,000.

Wis., Marathon—Wausau Canning Co., Wausau, plans to build 4 story, brick, rein.-con. and steel factory, brick foundation, on Main St. here. About $50,000. Architect and engineer not selected.

Wis., Sheboygan—See "Buildings."

Wis., West Bend—Buemming & Guth, archts., 521 Jackson St., Milwaukee, soon lets contract building 1 story, 100 x 300 ft., concrete and timber factory, rein.-con. flooring, concrete foundation, for Schmidt & Storck Wagon Co. Noted Sept. 9.

Minn., Hamline—Minnesota State Agricultural Society, c/o T. Canfield, secy., Como Ave. near Snelling Ave., St. Paul, plans to construct 2 story, rein.-con. and brick addition to dairy on State Fair Grounds, here. About $200,000. C. H. Johnston, 715 Capitol Bank Bldg., St. Paul, archt.

N. D., Minot—Minot Steam Laundry plans to build 2 story, 87 x 140 ft. rein.-con. and brick laundry. About $85,000. Architect not selected.

Mo., Kansas City—A. Kahn, archt., Marquette Bldg., Detroit, Mich., soon lets contract building 1 story, 175 x 535 ft., rein.-con., brick and steel factory, and service station, rein.-con. flooring, concrete and piling foundation, on Winchester Ave., here, for Ford Motor Co., Highland Park, Detroit. Noted Sept. 9.

Mo., Springfield—Wood-Everett Stove Co. plans to build 2 story, rein.-con., brick and steel foundry, rein.-con. flooring, concrete foundation. About $100,000. Architect not selected.

Mo., St. Louis—Eagle Motor Truck Co., 6154 Bartmer Ave., plans to build factory at 6100 Bartmer Ave. About $50,000. Private plans.

Mo., St. Louis—H. P. Hess, archt., 4811 Cote Brilliante Ave., receives bids about Nov. 15, building 2 story, 58 x 160 ft. cleaning plant, brick and stone, rein.-con. flooring, for Scott Dyeing & Cleaning Co., 3928 Olive St. About $50,000.

Mo., Webb City—Rock Paint & Cloth Co. having plans prepared for 2 story, 61 x 150 ft., paint factory, rein.-con., brick and steel, rein.-con. flooring, concrete foundation. About $150,000. Bucy Miller Eng. Co., Joplin, engrs.

Cal., San Francisco—Federal Rubber Co., Cudahy, Wis., soon lets contract building 5 story, brick and rein.-con. factory, rein.-con. flooring, concrete foundation. About $150,000. G. B. Allen, c/o owner, archt. and engr.

Que., Montreal—T. Davidson Mfg. Co., Deslisle St., plans to build 4 story, brick and steel extension on Deslisle, Workman and Albert Sts.

Que., Tartigon—B and S Lumber Co., Ft. Plain, plans to build 2 mills, one 47 x 140 ft. and other 30 x 60 ft., brick and steel, concrete foundation.

Ont., Agate—S. Bromley, Pembroke, interested in company which plans to build pulp and paper mill, here. About $500,000.

Ont., Petrolea—E. A. Stokes plans to build and equip factory for manufacture of nitroglycerine. About $100,000.

BIDS DESIRED

N. Y., Brooklyn—Until Sept. 30, by G. A. Whalen, comr. Plant & Structures, Municipal Bldg., New York City, consructing station for Dept. Street Cleaning, on Water, Dock and Front Sts., here.

Pa., Verona—P. H. Murphy Co., Stanton and Franklin Sts., New Kensington, receiving bids building 1 story, 73 x 700 ft., brick and steel factory, here. About $350,000. Austin Co., 16112 Euclid Ave., Cleveland, O., archts.

Wis., Muscoda—Muscoda Mfg. Co. receiving bids building 2 story, 75 x 100 ft., brick, rein.-con. and steel factory, rock foundation, on Main St. About $50,000. Private plans.

Wis., Neillsville—Until Sept. 28, by Neillsville Auto Co., building 1 story, 90 x 120 ft., brick and tile garage, rein.-con. flooring, concrete foundation. Balch & Lippert, Commercial Natl. Bank Bldg., Madison, archts.

Ont., London—Until Oct. 15, by London Concrete Machinery Co., Cabell Ave., building 3 story, 70 x 100 ft. rein.-con. factory, on Cabell Ave. About $100,000. Private plans.

Ont., Tilbury—Until Oct. 15, by Tilbury Auto Truck Co. building 3 story, 60 x 135 ft. brick factory. About $80,000. Private plans.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Me., Waterville**—Keyes Fibre Co. let contract building rein.-con., brick and steel addition to plant, rein.-con. flooring, concrete foundation, to Aberthaw Constr. Co., 27 School St., Boston, Mass. About $100,000.

★**Mass., Attleboro**—C. L. Rogers, 157 South Main St., let contract building 1 story, 60 x 200 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on Wall St., to E. O. Dexter, Wall St. About $50,000.

★**Mass., East Walpole**—Hollingsworth & Vose Co., Washington St., let contract building 1 story, 75 x 375 ft., concrete and frame warehouse, rein.-con. flooring, concrete foundation, to M. W. Allen Constr. Co., Walpole. About $60,000.

★**Mass., Fall River**—Amer. Printing Co., 56 Water St., will build 2 story, 80 x 87 ft., stone and concrete addition to plant, concrete foundation. About $50,000. Work will be done by day labor.

★**Mass., Norwood**—Holliston Mills, Lenox Ave., let contract building 2 story, 136 x 280 ft., brick and timber factory, rein.-con. flooring, concrete foundation, also 1 story, 50 x 70 ft. brick boiler house, at plant, to W. J. Hunt, Norwood. About $300,000. Noted Sept. 2.

★**Mass., South Barre**—Barre Wool Combing Co. let contract building concrete, brick and steel factory, to H. P. Cummings Constr. Co., 14 Prospect St., Ware. About $50,000.

★**Conn., Hartford**—A. Goldstein, 593 Windsor St., will build 1 story, 100 x 110 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on Maple St. About $75,000. Work will be done by day labor. Noted Aug. 5.

★**Conn., Montville**—R. Gair Paper Corp., 50 Washington St., Brooklyn, N. Y., let contract building 2 story, 200 x 500 ft., rein.-con. and brick factory, rein.-con. flooring, concrete foundation, also 1 story, 50 x 50 ft. power plant, here, to Barney-Ahler, 110 West 40th St., New York City. Incorrectly noted in our issue of Aug. 19.

★**Conn., Versailles**—Versailles Sanitary Fibre Mills let contract building rein.-con., brick and steel addition, rein.-con. flooring, concrete foundation, to H. W. Lines Co., 134 State St., Meriden. About $100,000.

★**Conn., Waterbury**—Waterbury Lumber Co., Inc., 107 Meadow St., let contract constructing addition to plant, including mill building, shed, etc., to F. T. Ley & Co. Inc., 499 Main St., Springfield, Mass. Cost to exceed $50,000.

★**N. Y., Brooklyn**—E. L. P. Glover, c/o J. G. Glover, archt., 222 Navy St., let contract building 2 story, rein.-con., brick and steel factory and garage, rein.-con. flooring, concrete foundation, at 218 Navy St., to Maxis Eng. & Constr. Co., 26 Court St. About $100,000.

★**N. Y., Brooklyn**—F. B. Lynch, 1049 Washington Ave., will build 1 story, 100 x 125 ft., brick and steel garage, rein.-con.

Industrial Works (Continued)

flooring, concrete foundation, on Montgomery St. About $60,000. Work will be done by day labor.

★**N. Y., Brooklyn**—M. Moskowitz, c/o J. M. Felson, archt. and engr., 1133 Bway., New York City, will build 1 story, 50 x 100 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on 12th St. About $50,000. Work will be done by day labor.

★**N. Y., Lockport**—Lockport Felt Co. let contract building 1 story, 80 x 200 ft., brick and steel factory, to J. W. Cowper Co., Inc., Fidelity Bldg., Buffalo. About $80,000.

★**N. Y., New York**—J. Bernstein, 1430 Madison Ave., will build 1 story, 100 x 165 ft., rein.-con., brick and steel garage, rein.-con. flooring, concrete foundation, on Boston Post Rd. About $75,000. Work will be done by day labor.

★**N. Y., New York**—Building Assn. Corp., 201 West 33rd St., let contract constructing 3 story, 50 x 180 ft., brick and steel garage, rein.-con. flooring, concrete foundation, at 314 11th Ave., to Standard Concrete Steel Co., 201 West 33rd St. About $50,000.

★**N. Y., New York**—Rubin & Cahn, 406 East 149th St., will build 1 story, 150 x 220 ft., brick and steel garage, rein.-con. flooring, brick foundation, on Jerome Ave. About $50,000. Work will be done by day labor.

★**N. Y., New York**—J. Zimmerman, 557 East 160th St., will build 1 story, 100 x 130 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on Fordham Rd. About $50,000. Work will be done by day labor.

★**N. J., Hoboken**—Chocolate Menier, 1127 Clinton St., will build 2 story, rein.-con. and steel factory, rein.-con. flooring, concrete foundation, on Clinton St. About $100,000. Work will be done by day labor. Noted Sept. 9.

★**N. J., Trenton**—Cook Linoleum Co., East State St., let contract building 1 story, 72 x 140 ft., brick and steel boiler house to J. H. Morris Co., Broad St. Bank Bldg. About $100,000.

★**N. J., West Orange**—Edison Electric Co., Lakeside Ave., let contract building rein.-con. and steel boiler house, rein.-con. flooring, concrete foundation, to Amer. Concrete Steel Co., 27 Clinton St., Newark. About $100,000.

★**Pa., Marcus Hook**—Viscose Co. let contract building 3 story, 60 x 110 ft. brick boiler house to H. L. Morris, Chester. Noted April 1.

★**Pa., Pittsburgh**—Rieck-McJunkin Co., 1345 Forbes St., let contract remodeling, altering and building additions to 4 story, 30 x 100 ft., brick and steel dairy, on Stevenson and Forbes Aves., to A. Bloedel, Ruggles St. About $100,000.

★**Pa., Pittsburgh**—Weinstein Beverage Co., 646 5th Ave., let contract building 3 story, 48 x 110 ft. warehouse and factory, concrete, brick, steel and stone on Hamilton Ave., to B. Groah Constr. Co., 847 West North Ave. About $100,000.

★**Pa., Pittsburgh**—Whitehill Motors, Inc., 5707 Friendship Ave., let contract building 2 story, 80 x 115 ft., brick and steel garage, rein.-con. flooring, concrete foundation, on Euclid St., to Mellon-Stewart Co., Oliver Bldg. About $100,000.

★**Pa., Tabor** (Phila. P. O.)—Fox Motor Car Co., Broad and Huntingdon Sts., let contract building 3 story, 60 x 400 ft., rein.-con. and brick plant, along tracks of Reading R.R. and Grange Ave., to J. S. Rogers, 970 Drexel Bldg., Phila. About $500,000.

★**Md., Baltimore**—U. S. Printing & Lithographing Co., 429 East Cross St., let contract building 3 story, 128 x 129 ft., brick and rein.-con. addition, concrete foundation, on Cross and Covington Sts., to Consolidated Eng. Co., 243 Calvert Bldg. About $150,000.

★**Md., Baltimore**—Whitaker Paper Co., 415 Guilford Ave., let contract building 3 story, 100 x 186 ft., rein.-con. and steel warehouse, concrete foundation, on Guilford Ave., Saratoga and Davis Sts., to Turner Constr. Co., 244 Madison Ave., New York City. About $600,000.

★**O., Akron**—Miller Rubber Co., South High St., will build 3 story, 60 x 210 ft., brick and steel factory, brick foundation. About $100,000. Work will be done by day labor.

★**Mich., Detroit**—Blodgett Eng. & Tool Co., Kerr Bldg., let contract building 4 story, rein.-con., brick and steel factory, rein.-con. flooring, concrete foundation, on Dalzelle St., to Lennane Bros., Union Trust Bldg. Noted Aug. 12.

★**Mich., Detroit**—Crane & Co., Atwater St., let contract building 1 story, 96 x 160 ft. warehouse, brick, steel and concrete, rein.-con. flooring, concrete foundation, on Rivard and Franklin Sts., to E. D. Jackson Co., Ford Bldg.; structural steel, to Russell Wheel & Fdry. Co., along tracks of Belt Line Ry. and Chene St. Noted July 15.

★**Mich., Ontonagon**—Northern Fibre Co. let contract building 2 story, concrete, brick and steel mill, rein.-con. flooring, concrete foundation, to W. E. Ule, Stevens Point, Wis. About $350,000.

★**Wis., Cedarburg**—Auto-Life Chain Co., c/o F. Hoya, 231 37th St., Milwaukee, let contract building 1 story, 60 x 120 ft., brick, rein.-con. and steel factory, rein.-con. flooring, brick foundation, on Main St., to T. Vollmar, Main St. About $50,000.

★**Wis., Hartford**—City let iron and steel work for 60 x 155 ft. power house on Main St. to A. F. Wagner Architectural Iron Wks., 763 North Water St., Milwaukee; coal conveyors, to Chicago Conveyor Co., 2416 West 22d St. Total cost, $50,000. Noted Feb. 5.

★**Wis., Kohler**—Kohler Co. will build 3 story, 62 x 148 ft. factory and foundry, brick and cement, rein.-con. flooring, concrete foundation. Work will be done by day labor. Contract for cement and brick let to Zimbal Brick Co., South 15th St., Sheboygan. Noted April 8.

★**Wis., Manitowoc**—Clark Oil Co., 10th St., let general contract building 1 story, 60 x 100 ft. garage, filling station, etc., brick, rein.-con. and steel, rein.-con. flooring, concrete foundation, on 19th and York Sts., to B. Herman & Son, 1231 South 10th St., About $100,000. Noted Aug. 12.

★**Wis., Milwaukee**—Natl. Brake & Electric Co., Belleview Pl., let contract building 1 story, 164 x 180 ft., brick and steel addition to foundry to P. Riesen Sons, 1000 Humboldt Ave. About $250,000. Noted April 22.

★**Minn., Minneapolis**—Franklin Co-operative Creamery Co., c/o E. Solem, 11½ Western Ave., will build 1 story, 64 x 85 ft. creamery, rein.-con. and brick, on 26th St. and Franklin Ave. About $50,000. Work will be done by day labor. Noted Sept. 2.

★**Kan., Chanute**—Mutual Oil Co., Mutual Bldg., Kansas City, Mo., will build 3 story, 35 x 90 ft. wax plant, brick, rein.-con. and steel, here. About $100,000. Work will be done by day labor under supervision of Waddell Eng. Co., engrs., Sapulpa, Okla.

★**Okla., Daugherty**—Continental Asphalt & Refining Co., Oklahoma, will build brick, rein.-con. and steel refinery, rein.-con. flooring, concrete foundation. About $1,000,000. Work will be done by day labor.

★**Que., Montreal**—Natl. Drug & Chemical Co., 34 St. Paul Ave., let contract building concrete, brick and steel factory on De Courcelles St. to Church Ross & Co., 10 Cathcart St. About $75,000.

★**Ont., Ottawa**—Ottawa Paint Wks., 687 Wellington St., let contract altering 3 story brick factory on Wellington St., to A. Christie & Son, Kensington Apts., Elgin St. About $50,000.

Buildings

PROPOSED WORK

Me., Deering (Portland P. O.)—Convent—St. Josephs Convent soon lets contract building 1 and 4 story, brick and rein.-con. addition, rein.-con. flooring, concrete foundation. About $30,000. O'Connell & Shaw, 18 Boylston St., Boston, archts.

N. H., Wolfeboro—Bank—Wolfeboro Natl. Bank plans to build 2 story, 25 x 100 ft., steel, concrete foundation, on Main St. H. A. Mear, c/o Office, Bank & Library Co., 120 Tremont St., archt.

Mass., Boston—Hotel—Hotel Bellevue, 21 Beacon St., plans to build 7 story, brick and steel addition, concrete foundation. W. W. Dinsmoor, 28 School St., archt.

Mass., East Boston (Boston P. O.)—School—Bd. Educ. had plans prepared by C. G. Loring, archt., 7 Water St., Boston, for 3 story, brick, concrete and steel, rein.-con. flooring, concrete foundation, in Samuel Adams Dist. About $250,000.

Mass., Gardner—Housing—Central Gas & Oil Stove Co., 205 School St., soon lets contract building sixteen 23 x 23 ft., brick and timber houses, concrete foundations, near plant. About $100,000. P. Varney, 24 Exchange St., Lynn, archt.

Mass., Greenfield—Courthouse—Comrs. Franklin Co., Main St., plan to build large brick and steel addition. C. P. Hoyt, 8 Beacon St., Boston, archt.

Mass., Holyoke—Church—Trinity Methodist Society, Bridge St., plans to build 1 story, brick and stone, on Summer Ave. About $150,000. Howes & Howes, 243 High St., archts.

Mass., Lowell—School—Greek Orthodox Society, c/o M. F. Davis, archt., 402 Hildreth Bldg., plans to build 2 story, fireproof on Bway. About $250,000.

Mass., Roxbury—School—Blackall, Clapp & Whittemore, archts., 20 Beacon St., Boston, preparing plans for 2 story, 75 x 220 ft. concrete, brick and terra cotta, on Glen Hill Ave. About $150,000. Owners name withheld.

R. I., Newport—High School—Bd. Educ. soon receives bids building 3 story, 110 x 150 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Bway. About $600,000. B. H. Seabury, 21 Bosse Pl., Springfield, Mass., archt.

Conn., Bridgeport—Church—O'Connell & Shaw, archt., 18 Boylston St., Boston, soon receive bids building 1 story, 70 x 145 ft. brick, stone and steel, rein.-con. flooring, concrete foundation, on Hancock and Fairfield Aves., for St. Peters Roman Catholic Church. About $100,000. C. A. Leddy, 1562 Fairfield Ave., pastor. Noted Aug. 26.

Conn., Bridgeport—Theatre—P. Dowe, 275 Fairfield Ave., soon lets contract building 1 story, 80 x 150 ft. brick and concrete, rein.-con. flooring, concrete foundation, on State St. About $200,000. C. W. Walker, Jr., 886 Main St., archt. Noted Apr. 1.

Conn., Enfield—Italian Roman Catholic Society, c/o A. Gannuscio, McCann Ave., Thompsonville, plans to build 1 story, brick and steel, here. About $100,000.

Conn., Goodyear (Killingly P. O.)—H. L. Reinhold, Jr., archt., 1513 Walnut St., Phila., rejected bids building 2 story, 90 x 150 ft., brick and concrete, for Killingly Twp. School Com. About $100,000. Work will be readvertised soon. Noted Apr. 22.

Conn., Hartford—School—South School Dist. plans to build 2 story, on Franklin Ave. About $200,000. J. H. Naylor, chn. Architect not selected.

Conn., New Haven—Association—Knights of Columbus, c/o W. J. McGinley, secy., 956 Chapel St., plan to build 3 story, 100 x 144 ft., concrete, brick and steel, rein.-con. flooring, concrete foundation, on Church and Wall Sts. About $250,000.

Conn., New London—Hospital—Lawrence Memorial Hospital, Ocean Ave., rejected bids building 4 story, 50 x 86 ft., brick and concrete addition, rein.-con. flooring, concrete foundation. About $100,000. Project temporarily postponed. Noted June 24.

Conn., West Hartford (Hartford P. O.)—High School—Bd. Educ. rejected bids Sept. 10, building 2 story, 200 x 210 ft., concrete, brick and steel, rein.-con. flooring, concrete foundation, on South Main St. Plans will be revised and work readvertised. Noted Sept. 2.

N. Y., New York—Church and Community—Abyssinian Baptist Church, 249 West 40th St., having plans prepared by C. W. Bolton, archt., Witherspoon Bldg., Phila., for 1 and 3 story, 90 x 138 ft., brick and stone, on 138th St. and 7th Ave.

N. Y., New York—Theatre—B. W. Levitan, archt. and engr., 7 West 45th St., prepared plans for brick and stone, brick foundation, on 116th St. between 3rd and Lexington Aves. About $165,000. Owner's name withheld.

N. J., Convent Station—Hall—College of St. Elizabeth plans to build concrete and brick residence hall. About $350,000. E. A. McMurray, 207 Market St., Newark, archt.

N. J., Glassboro—Normal School—State Bd. Educ., Trenton, rejected bids Sept. 14 building 3 story, 125 x 301 ft., rein.-con., brick, steel and terra cotta, here. Noted July 29.

N. J., Jersey City—Bank—Trust Co. of New Jersey, 12 Hudson St., Hoboken, plans to build 8 story, granite, on Bergen and Sip Aves., here. About $1,500,000. J. H. Wells, 32 Nassau St., New York City, archt.

N. J., New Brunswick—Theatre—W. Reade, 112 West 34th St., New York City plans to build 1 story, 100 x 235 ft., brick, steel and terra cotta, on Livingston Ave., here. About $500,000. T. W. Lamp, 644 8th Ave., New York City, archt.

Pa., Carlisle—Bank—Carlisle Deposit Bank had plans prepared by Dennison & Hirons, archts. and engrs. 475 5th Ave., New York City, for brick and stone, brick foundation. About $150,000.

Pa., Harrisburg—Bank—East End Trust Co., 13th and Howard Sts., having plans prepared by Simon, Brittain & English, archts., Magee Bldg., Pittsburgh, for 2 story, 40 x 120 ft., brick and steel, rein.-con. flooring. About $150,000.

D. C., Washington—Exchange—Chesapeake & Potomac Telephone Co., 108 East Lexington Ave., Baltimore, plans to build brick and stone, concrete foundation, on 14th St., here. About $125,000. McKenzie, Voorhies & Gmelin, 1123 Bway., New York City, engrs.

Buildings (Continued)

Va., Richmond—Schools—Bd. Educ. plans to build school in Barton Heights, cost $150,000; Forrest Hill, $125,000; Highland Park, $100,000; G. Mason School, $100,000 and Armstrong School, $225,000.

O., Cleveland — Bank — Cleveland Trust Co., East 9th St. and Euclid Ave., having plans prepared by G. P. Post & Son, archts. and engrs., Schofield Bldg., for 2 story, rein.-con., brick and steel, rein.-con. flooring, brick and concrete foundation, on East 55th St. and Woodland Ave. About $100,000. F. H. Goff, pres.

O., Cleveland—Church and School—St. Vensislaus Church, c/o J. Koudelka, 2666 East 35th St., plans to build 1 and 2 story, brick and steel, brick foundation, on Libbey Rd. About $100,000. Architect and engineer not selected.

O., Cleveland—Commercial and Clubhouse—Cleveland Democratic Bldg. Co., c/o J. McGinty, City Hall, plans to build 3 story, rein.-con., and brick, rein.-con. flooring, brick and concrete foundation. About $100,000. Architect not selected.

O., Columbus—Schools—Bd. Educ. having sketches made by D. Riebel & Sons, archts., New 1st. Nat. Bank Bldg., for two 2 story, 16 room, brick and concrete, 1 on Lincoln Park and other on Poplar Ave. About $265,000 each.

Ind., Mt. Vernon—Memorial Coliseum—City receives bids about Jan. 1, building 2 story, 130 x 138 ft., brick and stone. About $200,000. P. R. Werking, Richmond, archt.

Mich., Highland Park (Detroit P. O.)—Mercantile—J. F. Plembo plans to build 3 story, brick and steel, brick foundation, on Manchester Ave. About $100,000. H. J. Darling, Detroit, archt.

Mich., Lansing—Hotel—W. E. Boose having plans prepared by T. E. White, archt., City Natl. Bank Bldg., for 8 story, 190 x 230 ft., rein. con., brick and steel, rein.-con. flooring, concrete foundation.

Wis., De Pere—High School—Bd. Educ. plans to build Union High School, 4 story, brick, rein.-con. and steel, brick foundation. About $250,000. Architect not selected.

Wis., Fond du Lac — High School — Bd. Educ. soon lets contract building 3 story, 66 x 261 ft. senior and junior high school, also 140 x 200 ft. shop, brick, rein.-con. and steel brick foundation. About $500,000. A. M. Hunter, secy. Childs & Smith, East Van Buren St., Chicago, archts.

Wis., Jefferson—Convent—St. Coletta Convent having plans prepared by E. Brielmaier & Sons Co., archts. and engrs., University Bldg., Milwaukee, for 3 story, rein.-con. and brick addition to convent and chapel, rein.-con. flooring, concrete foundation. About $260,000.

Wis., Madison—Lodge and Store—Beavers Reserve Fund Fraternity, 400 Gay Bldg., plans to build 7 story, 66 x 130 ft., brick, rein.-con. and steel, rein.-con. flooring, concrete foundation, on Monona Ave. Architect and engineer not selected.

Wis., Manitowoc—Church and School—St. Pauls Church plans to build 75 x 210 ft., brick, rein.-con. and steel, brick foundation, on 8th St. About $150,000. M. Joeckels, pastor. Architect and engineer not selected.

Wis., Milwaukee—Store—E. Schuster & Co., Mitchell and 6th Aves., having preliminary plans prepared by Brust & Philipp, archts., 405 Bway., for 4 story, 70 x 120 ft., brick and concrete addition, rein.-con. flooring, concrete foundation. About $200,000.

Wis., Neillsville—Hotel—H. North having plans prepared for 3 story, brick, rein.-con. and steel, brick foundation, on Main St. About $100,000. Private plans.

Wis., Oshkosh — Hospital — Mercy Hospital, 185 Hazel St., having plans prepared by E. Brielmaier & Sons, archts. and engrs., University Bldg., Milwaukee, for 4 story addition and nurses' home, rein.-con. and brick, rein.-con. flooring, concrete foundation. About $600,000.

Wis., Sheboygan — Office, etc. — Northern Furniture Co., South Water St. and New Jersey Ave., having preliminary plans prepared by W. C. Weeks, archt. and engr., 730 Ontario Ave., for 4 story, 60 x 250 ft. office and power house, brick, rein.-con. and steel, brick foundation, on South Water St. About $200,000.

Wis., West Bend — Grade Schools — Bd. Educ. plans to build two 3 story, 60 x 185 ft. brick, rein.-con. and steel, brick foundations, on Main St. About $100,000. Architect not selected.

Ia., Decorah — Library — Luther College rejected bids Aug. 30, building 2 story, 70 x 90 ft., brick and stone. About $100,000. Work will be readvertised. C. K. Preus, pres. Noted Aug. 26.

Minn., Minneapolis—Club House—Hennepin-Minneapolis Knights of Columbus No. 435, plan campaign this fall to raise $500,000 to build 3 story, rein.-con., brick and stone. About $500,000.

Minn., Minneapolis—Music—State Bd. Control, Capitol, St. Paul, opens bids about Sept. 27, building 3 story, 95 x 160 ft., rein.con., brick and stone, on State University campus, here. About $500,000. C. H. Johnston, 715 Capitol Bank Bldg., St. Paul, archt. Noted June 10.

Minn., Minneapolis—School—Bd. Educ. plans to build 2 story, on 50th St. and Minnehaha Parkway. About $200,000. E. H. Enger, 305 City Hall, archt.

S. D., Aberdeen—Y. M. C. A., c/o R. C. Bell, secy., had plans prepared for 3 story, rein.-con., brick and stone building, to include kitchen, cafeteria, etc. About $225,000.

S. D., Lead—Business—Hearst Mercantile Co. receives bids in October, building 3 story, 180 x 200 ft., rein.-con. and brick, rein.-con. flooring. About $225,000. H. W. J. Edbrook, Tabor Grand Bldg., Denver, Col., archt.

N. D., Rolla—School—Bd. Educ. rejected bids Aug. 21 building 3 story, 60 x 78 ft., brick, stone and tile. About $125,000. W. J. Edwards, 2d Natl. Bank Bldg., Grand Forks, archt. Noted Aug. 5.

Wyo., Casper—Fire House—City election Nov. 2, to vote on $110,000 bonds to build and equip fire house.

Mo., Jefferson City—Y. M. C. A. having plans prepared by F. K. Miller, archt., Jefferson City, for 3 story, 60 x 110 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation. About $110,000.

Mo., St. Louis—Office—Olive and 9th Sts., Real Estate Co., Oddfellows Bldg., plans to alter office building on Olive and 9th Sts. About $125,000. Address I. T. Cook. Architect not selected.

Ark., Subiaco — Church — Benedictine Fathers having plans prepared by Ludwig & Dreisenner, archts., 1736 Waverly Pl., St. Louis, Mo., for 1 story, 52 x 224 ft. stone and marble. About $300,000.

Tex., Dallas—College—Metropolitan Business College, 1809-11 Commerce St., had plans prepared by Lang & Witchell, archts., Amer. Exch. Natl. Bank Bldg., for 4 story, 25 x 100 ft., brick, on Commerce and St. Paul Sts. About $100,000. A. Ragland, pres.

Tex., Dallas — Exposition — Rick Warehouse & Stores Co. opens bids about Nov. 15 building 10 story, 178 x 321 ft., rein.-con. and brick, rein.-con. flooring, at 2600 Elm St. About $1,000,000. Architect and engineer not selected. Noted Sept. 9.

Tex., Dallas — Office — Lang & Witchell, archts., Amer. Exch. Natl. Bank Bldg., open bids about Oct. 1 building 6 story, 100 x 100 ft., rein.-con. and brick, on Commerce and Prather Sts. here for J. T. Jones, 4935 Junius St., and J. H. Jones, Main and McKinney Aves., Houston. About $300,000. Noted April 22.

Tex., Dallas—Office—H. M. Green & Co., archts., North Texas Bldg., open bids about Jan. 1, remodeling and constructing 8 story, 50 x 200 ft., addition on present building, also constructing 12 story, 50 x 200 ft., new building, rein.-con. and brick, rein.-con. flooring, brick and concrete foundation, on Main, Commerce and Murphy Sts., for Security Natl. Bank, Commonwealth Bldg. About $1,000,000. Noted April 29.

Tex., Dallas—Theatre—A. H. Woods Enterprises, 236 West 42nd St., New York City, plan to build brick and stone, brick foundation, on Griffin St., here. About $500,000. W. Wellman, bldg. supt. Private plans.

Tex., Ft. Worth—Theatre—A. H. Woods Enterprises, 236 West 42nd St., New York City, plan to build brick and stone, brick foundation, here. About $500,000. W. Wellman, bldg. supt. Private plans.

Tex., Houston—Theatre—A. H. Woods Enterprises, 236 West 42nd St., New York City, plan to build brick and stone, brick foundation, here. About $500,000. W. Wellman, bldg. supt. Private plans.

Tex., San Antonio—Theatre—A. H. Woods Enterprises, 236 West 42nd St., New York City, plan to build brick and stone, brick foundation, here. About $500,000. W. Wellman, bldg. supt. Private plans.

Okla., Hartshorne — Temple — Masonic Lodge Assn. plans to build 3 story, 70 x 100 ft., brick concrete and steel, concrete foundation. About $100,000. Architect and engineer not selected.

Col., Denver—Cathedral—Scottish Rite Consistory No. 2, 16th and Grant Sts., receives bids about Jan. 1, building 3 story, 115 x 170 ft. rein.-con., stone and steel, rein.-con. flooring, concrete foundation. About $500,000. Gardner & Parry, Guardian Trust Bldg., engrs.

Col., Denver—Sanatorium—J. H. Tilden, 837 Sherman S. St., having plans prepared by H. W. J. Edbrooke, archt., Tabor Grand Bldg., for 2 story, concrete, brick and steel. About $175,000.

Que., Montreal—Office—Furness-Withey Co., 34 Whitehall St., New York, having plans prepared by W. B. Chambers, archt. and engr., 111 East 40th St., New York City, for altering 5 story, brick, steel and stone, here. About $150,000.

B. C., Kerrisdale — School — Point Grey School Bd. opens bids about Sept. 30 building 3 story, 8 room, rein.-con., brick and tile, concrete foundation. About $125,000. Twizell, Birds & Twizell, 837 Hastings St., W., Vancouver, archts.

BIDS DESIRED

Mass., Boston—Office—Coolidge & Shattuck, archts., 122 Ames Bldg., receiving bids constructing 12 story, rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Beacon and Somerset Sts. About $500,000. Owner's name withheld.

Mass., Malden (Boston P. O.)—Store and Office—F. H. Gowing, archt., 18 Tremont St., Boston, receiving bids building 3 story, 75 x 100 ft., brick and steel, rein.-con. flooring, concrete foundation, on Main St. About $125,000. Owners name withheld. Noted Aug. 26.

Mass., Peabody—High School—Until Oct. 1, by School Comn., building 2 story, rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Central St. Cost between $450,000 and $500,000. F. I. Cooper Corp., 33 Cornhill St., Boston, archts.

R. I., Providence—Laboratory—Day & Klauder, archts., 925 Chestnut St., Phila., receiving bids building 3 story, 50 x 200 ft., concrete, brick and steel, rein.-con. flooring, concrete foundation, on campus, for Brown University, Prospect St. About $250,000. Noted Aug. 26.

Conn., Montville — Housing — Until Sept. 25, by Lockwood-Green, engrs. and archts., 101 Park Ave., New York City, building several houses for industrial development, brick and concrete, rein.-con. flooring, concrete foundations. About $150,000.

Conn., New Britain—School—Until Sept. 30 (change of date) by Bd. Educ., building 2 story, 60 x 240 ft. with 56 x 70 ft. ell, brick and steel, rein.-con. flooring, concrete foundation, on Tremont St. About $350,000. D. K. Perry, 27 West Main St., archt. Noted Sept. 9.

Conn., Norwich—Church—St. Mary's Roman Catholic Church receving bids building 1 story, 60 x 130 ft., brick, steel and stone, concrete foundation, on Central Ave. About $100,000. A. A. Keefe, 70 Central Ave., pastor. O'Connell & Shaw, 18 Boylston St., Boston, archts. Noted Sept. 16.

Conn., Thompsonville — School — School Dist. receiving bids building addition to A. D. Higgins School, 2 story, 8 room, concrete, brick and steel, rein.-con. flooring, concrete foundation, on North Main St. About $130,000. I. A. Allen, Jr., Inc., 904 Main St., Hartford, archts. Noted July 29.

Pa., Coatesville—Theatre—Until Sept. 24, by R. A. Kerns, archt., 10 South 18th St., Phila., building 3 story, 45 x 100 ft., brick, on Main St., for Logges Bros., 258 East Main St. Noted Aug. 12.

Ind., Evansville — Theatre — Arcadia Palace Amusement Co. receiving bids building 2 story, 86 x 140 ft., brick and steel, on Locust St. About $200,000. Fowler, Capelle & Troutman, Amer. Trust Bldg., archts.

Ind., Indianapolis — Manuel Training School—Until Oct. 1, by Bd. School Comrs., building 2 and 3 story, 250 x 400 ft., rein.-con., brick and steel, on East Michigan St. About $225,000. D. A. Bohlen & Son, Majestic Bldg., archts. Snider & Rotz, 703 Merchants' Bank Bldg., engrs. Noted Sept. 16.

Mich., Muskegon — High School — Until Oct. 1, by H. H. Turner, archt., 923 Michigan Trust Bldg., Grand Rapids, constructing Bunker Junior High School, 3 story, rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Denmark Ave., here, for Bd. Educ. About $250,000.

Wis., Manitowoc—Church—Juul & Smith, archts. and engrs., Imig Bldg., Sheboygan, receiving bids building 2 story, 48 x 126 ft., rein.-con., brick and stone, concrete foundation, on 24th St. and Meadow Lane, for Presbyterian Society, 510 North 8th St. Noted June 24.

Kan., McLouth—High School—Bd. Educ. receiving bids building 2 story, brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $110,000. W. H. Saylor & Co., Mutual Bldg., Kansas City, Mo., archts. Noted Sept. 9.

Kan., Topeka—Exchange—Southwestern Bell Telephone Co., 812-14 Jackson St., receiving bids building 2 story, 60 x 106 ft., brick, rein.-con. and steel, rein.-con. flooring, concrete foundation. About $140,000.

Buildings (Continued)

J. R. Timlin, 688 Boatmans' Bldg., St. Louis, Mo., archts. Noted July 8.

N. D., Hurdsfield—School—Until Sept. 28 by Bd. Educ., building 2 story, 68 x 89 ft. rein.-con. and brick high and grade school. About $100,000. W. D. Gillespie, 64½ Bway., Fargo, archt.

Tex., Dallas — High School — Until Nov. 15, by School Bd., building 3 story, brick and concrete, on Haskell and McKinney Sts. Former bids rejected. About $600,000. W. B. Ittner, Bd. Educ. Bldg., St. Louis, Mo., archt. Noted May 6.

Que., Montreal—Church—Until Oct. 1, by G. Peck, minister, Presbyterian Synod of Montreal, Presbyterian College, building 50 x 75 ft., brick and steel, on Ryde St. About $100,000.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Me., Yarmouthville** — Church — Sacred Heart Roman Catholic Society, c/o J. D. Quinn, pastor, will build 1 story, 40 x 110 ft. brick, steel and stone, rein.-con. flooring, concrete foundation. Work will be done by day labor.

★**Mass., Beverly** — Theatre — Ware Theatre, Inc., Natl. Bank Bldg., let contract building 1 and 2 story, 65 x 130 ft., concrete, brick and steel, rein.-con. flooring, concrete foundation on Cabot St., to J. Bowen Co., 184 Dudley St., Roxbury. About $125,000.

Mass., South Boston (Boston P. O.)—Headhouse—Park and Recreation Dept., Boston, received lowest bid building 1 story, rein.-con., brick and steel, rein.-con. flooring, concrete foundation, at Marine Park, from J. Bowen & Co., 184 Dudley St., Roxbury, Mass., $133,000.

★**Conn., Bridgeport**—Theatre—S. Telep, 1078 Ogden St., let contract building 2 story, 50 x 150 ft., brick and steel, rein.-con. flooring, concrete foundation, on Boston Ave., to W. F. Chatlos, Broad St., Stratford. About $100,000.

★**Conn., Hartford**—Business—Berenson & Moses, archts., 1026 Main St., let contract to S. C. Poriss & Co., 54 Church St., building 3 story, 50 x 145 ft., brick and steel, rein.-con. flooring, concrete foundation, on Main St., for C. Leonard, 599 Main St. Noted Sept. 9.

★**Conn., Union City** (Naugatuck P. O.)—Eastern Malleable Iron Co. let contract building rein.-con., brick and steel addition to plant, rein.-con. flooring, concrete foundation, to F. A. Ley Co., Inc., 499 Main St., Springfield, Mass. About $50,000.

Conn., Waterbury—Hospital—City received lowest bid Sept. 15, building 2 story, rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Watertown Ave., from Tracy Bros. Co., 52 Benedict St., $144,642. Noted Aug. 26.

N. Y., Brooklyn—Hospital—Dept. Pub. Welfare, Municipal Bldg., New York City, received bids Sept. 20, for general contract building hospital on New Cumberland St., from 174th St. Constr. Co., New York City, $663,000; A. W. King, 81 East 125th St., New York City, $675,978; Emerson Bldg. Co., 103 Park Ave., New York City, $713,000. Noted Aug. 26.

★**N. Y., Brooklyn** — Theatre — Midwood Theatre, Inc., 261 Bway., New York City, will build brick and stone, brick foundation, on Ave. J. About $150,000. Work will be done by day labor.

★**N. Y., Freehold**—Bank—Freehold Trust Co., 3 Main St., let contract altering 3 story, brick and stone, brick foundation, to F. T. Ley, 19 West 44th St., New York City. About $100,000.

★**N. Y., Morris Park** (Jamaica P. O.)—Bd. Educ., 500 Park Ave., New York City, let general contract building P. S. 57, Curtis Ave., to P. Cleary, 115 Marion St., Brooklyn, $318,700. Noted Sept. 16.

★**N. Y., New York**—Bank—Chelsea Exchange Bank, 48th St. and 7th Ave., let contract altering brick and stone, to G. A. Fuller Co., 175 5th Ave. About $100,000.

★**N. Y., New York**—Bank, Office, etc.—S. W. Straus & Co., 150 Bway., let contract building 9 story, 100 x 180 ft., brick, steel and stone, concrete foundation, on 46th St. and 5th Ave., to Thompson-Starrett, 49 Wall St. About $4,000,000. Noted June 3.

★**N. Y., New York**—Club—Sailors Snug Harbor Trustees, 262 Greene St., let contract converting 4 story building into clubhouse, brick, steel and stone, at 4 East 9th St., to Cauldwell-Wingate Co., 381 4th Ave. About $100,000.

★**N. Y., New York**—Exchange—New York Telephone Co., 15 Dey St., let contract building 4 story, 80 x 192 ft., brick, steel and stone, concrete foundation, on West 73rd St., to Tidewater Bldg. Co., 16 East 33rd St. About $500,000. Noted Aug. 12.

★**N. Y., New York**—Office—Union Sulphur Co., 17 Battery Pl., will build 14 story, 30 x 89 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Rector and West Sts. About $400,000. Work will be done by day labor under supervision of H. O. Chapman, 334 5th Ave., archt. Noted Aug. 26.

★**N. J., Hoboken**—School—Bd. Educ. let general contract building P. S. 2 to W. H. and F. W. Cane, Inc., Baldwin Ave., Jersey City, $1,599,900; plumbing and gas fitting, to J. Marnell, 207 Washington St., $51,126; heating and ventilating, to J. H. Cooney, 210 North 4th St., Harrison, $112,494; electric work, to W. Coleman, $20,500. Noted May 13.

★**N. J., Jersey City** — Theatre — Hespe Realty Co., Central Ave., will build brick and stone, brick foundation, 2,000 seating capacity. About $250,000. Work will be done by day labor. Noted Sept. 16.

★**Pa., Altoona**—Bank—Union Bank, 1103 8th Ave., let contract building 4 story, 50 x 120 ft., brick and stone, brick foundation, on 8th Ave. and 12th St., to G. Orr, Altoona. About $190,000. Noted April 22.

★**Pa., McKeesport**—School—Bd. Educ. let contract building Centennial School, 2 story, 80 x 222 ft., brick and steel, rein.-con. flooring, on Beaver Ave. and Union St., to J. G. Fullman Co., G. E. Trust Bldg., Pittsburgh. About $325,000. Noted Aug. 19.

★**Pa., Pittsburgh**—Office, etc.—Pittsburgh News Co., 300 Ferry St., let contract building 10 story, 27 x 86 ft., brick and steel office and warehouse, rein.-con. flooring, on 3rd Ave. and Ferry St., to H. Miller Sons Co., May Bldg. About $200,000.

★**Pa., Pittsburgh**—Sales and Service—E. P. Mellon, archt., Vanderbilt Bldg., New York City, let contract building 2 story, 80 x 114 ft., rein.-con. and steel, to Mellon-Stuart Co., Oliver Bldg. About $100,000. Owners name withheld. Noted Sept. 2.

★**Pa., Pittsburgh**—Theatre—All Nations Arcade Co., c/o G. H. Schwan, archt., Peoples Bank Bldg., will build 3 story, 82 x 120 ft., at 1915-21 Carson St. About $100,000. Work will be done by day labor. Noted Aug. 5.

★**Md., Baltimore**—Polytechnic Institute—Bd. awards let contract building 3 story, 75 x 200 ft. concrete and brick addition, concrete foundation, on Calvert St. and North Ave., to C. L. Stockhausen, Gay and Water Sts., $109,493. Noted July 29.

★**Md., Lansdowne** — School — Baltimore Co. School Comrs., Towson, let contract building 3 story, 45 x 119 ft., brick, steel, rein.-steel and terra cotta, concrete foundation, here, to Chew & Osborne, 212 Clay St., Baltimore. About $100,000. Noted April 22.

★**D. C., Washington** — Hospital — Dist. Comrs., Dist. Bldg., let contract constructing 2 story, 300 x 400 ft. psychopathic ward of Gallinger Hospital, brick and stone, on Reservation 13, Massachusetts Ave., to G. E. Wyne, Home Life Bldg., $788,200. Noted Aug. 19.

★**Va., Norfolk**—Office—C. N. Whitehurst & Co., 225 Plume St., let contract building 12 story, brick, steel and stone, concrete foundation, on York and Bush Sts., to E. W. Minter, 115 Bway., New York City. About $750,000. Noted May 20.

★**O., Cleveland**—Police Station—City let contract building 2 story, 50 x 80 ft., rein.-con., brick and steel, rein.-con. flooring, brick and concrete foundation, on East 131st St. and Miles Ave., to W. Moore Co., 1278 West 4th St. About $100,000.

★**O., Lima**—Theatre—R. MacIntosh, 532 Chestnut St., Ashland, will build Strand Theatre, 2 story, 50 x 150 ft., brick and concrete, here. About $100,000. Work will be done by day labor.

★**Ind., Ft. Wayne**—Hospital and Nurses' Home—Allen Co. let general contract building two 3 story, 42 x 87 ft. wings to Tuberculosis Hospital, also 3 story, 26 x 39 ft. nurses' home, brick, 8 mi. north of here, to Indiana Eng. & Contg. Co., Central Bldg. About $119,400. Noted July 29.

★**Minn., Minneapolis** — Church — First Methodist Episcopal Church let contract building 2 story, 66 x 105 ft. rein.-con., brick and tile, on 12th Ave. S. and 4th St., to Beck Eng. Co., 1137 Plymouth Bldg. About $106,000. Noted July 15.

★**Minn., Montevideo**—School—Bd. Educ. let contract building 2 story, rein.-con. and brick, to Victorson Constr. Co., 423 Andrews Exchange Bldg., Minneapolis, $89,774; heating, plumbing, etc., to Western Heating Co., 13 East 36th St., Minneapolis, $38,950. Noted Aug. 26.

★**Kan., Topeka**—Business—W. M. Crosby, 613-17 Crosby Ave., let contract remodeling brick, rein.-con. and steel, rein.-con. flooring, concrete foundation, to F. M. Spencer & Son, 215 Mulvane Bldg. About $100,000; cost plus percentage basis.

★**Kan., Topeka**—Office—I. O. O. F. Lodge let contract building 3 story, 50 x 150 ft., brick, rein.-con. and steel, rein.-con. flooring, concrete foundation, to F. M. Spencer & Son, 215 Mulvane Bldg. About $100,000; cost plus percentage basis.

★**Neb., Kearney**—Hospital—Roman Catholic Congregation let contract building 4 story, 44 x 157 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, to J. Hansen, 803 Ave. F, Council Bluffs. About $250,000; cost plus percentage basis. Noted May 6.

★**Neb., Kearney**—School—Bd. Educ. let contract building 2 story, 70 x 110 ft. rein.-con., brick and steel, rein.-con. flooring, concrete foundation, to W. Knutzen & Son, Kearney, $109,987.

★**Wyo., Rock Springs**—Theatre—H. W. J. Edebrook, archt., Opera House Bldg., Denver, let contract to J. Graham, Rock Springs, building 57 x 140 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, for Rialto Amusement Co., Rock Springs. About $150,000. Noted Aug. 12.

★**Mo., St. Louis**—Office—Central States Life Insurance Co., Central Natl. Bank Bldg., let contract building 2 story, 90 x 145 ft., rein.-con. and brick, on Washington and Compton Aves., to Dickie Constr. Co., Syndicate Trust Bldg. About $149,800. Noted Aug. 26.

★**N. M., Gallup** — Hospital — St. Marys Hospital let contract building 4 story, 48 x 115 ft., brick and stone, to Wegs & Tompkins, 324 North 3rd St., Albuquerque. About $150,000.

★**Ont., Peterboro** — Theatre — Famous Players Film Corp., Temple Bldg., let contract building 1 story rein.-con., brick and steel, rein.-con. flooring, concrete foundation, to N. McLeod, Kent Bldg., Toronto. About $150,000; cost plus percentage basis.

Federal Government Work

PROPOSED WORK

S. C., Paris Island—Improving Hospitals—Spec 4262— Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids received Sept. 8, improving, at Marine Barracks, here. Noted Sept. 16.

Ore., Empire—Spec. 4302—Double Radio Barracks—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to build, here.

Cal., San Diego—Dredging—N. Smith, pub. wks. officer, U. S. Navy, authorized to expend $940,000 to dredge and fill in along sites of marine brigade post and naval training station, on San Diego Bay.

BIDS DESIRED

Mass., Chelsea—Lighting System—Spec. 4281—Until Oct. 6, by Bureau Yards & Docks, Navy Dept., Wash., D. C., building at Naval Station, here. Noted Sept. 16.

Pa., Phila.—Until Sept. 28, by H. J. Lumsden, Q.M.C., officer in charge of construction, Frankford Arsenal, building 2 radial brick chimneys; advertised in this issue.

Va., Norfolk—Dredging—Until Oct. 22, by U. S. Engineers Office, Custom House, dredging in Appomattox River; advertised in this issue.

Ga., Columbus—Buildings—Until Sept. 27, by Constr. Div., War Dept., office of Chief of 1st Dist. Constr. Serv., Quartermasters Corps., Room 2706, War Trade Bldg., 20th and B Sts., Wash., D. C., constructing 197 brick, frame and stucco buildings at Camp Bennings, here. About $1,000,000.

Fla., Jacksonville—Scotch Marine Boilers, etc.—Until Oct. 15, at U. S. Engineer Office, building and installing 4 Scotch marine boilers, foundations, uptakes, smoke stacks and oil bunkers; advertised in this issue.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Me., Bar Harbor**—Coal Bins—Spec. 4283—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building at Naval Radio Sta., Otter Cliff, here, to A. E. Lawrence Co., 116 Cottage Point, $4,614.

★**Conn., New London**—Road, Walks, etc.—Spec. 4249—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building roads, walks, etc., at Sub-Marine Base, here, to F. B. Miller & Co., Norwich, $48,132 (100 days). Noted Sept. 9.

D. C., Wash.—Engines—Secretary of Navy received only bid Sept. 15, building six 2,250 and six 950 brake heavy oil internal combustion engines operating on Diesel principal, from Busch-Sulzer Bros. Diesel Engine Co., 2nd and Utah Sts., St. Louis, Mo., (Class 1) $3,128,000, f.o.b. St. Louis.

★**S. C., Columbia** — Post Office — Treas. Dept., Wash., D. C., let contract completing

Federal Government Work (Continued)

post office here to Northeastern Constr. Co., 101 Park Ave., New York City, $144,210. Noted Sept. 16.

Tenn., Nashville — Barges—U. S. Dist. Engineer, 4th and 1st Natl. Bank Bldg., received bids Sept. 13, building 2 steel barges, from C. Ward Eng. Co., South Side, Charleston, W. Va., $16,600 with cargo box brackets and $16,400 without brackets. Noted Aug. 26.

Wash., Puget Sound—Double Radio Quarters Spec. 4290—Bureau Yards & Docks, Navy Dept., Wash, D. C., received bids building, here, from W. T. Butler, $6,660, (90 days); Miller Bros., $8,444; B. Ward, $8,444; all contractors of Puget Sound. Noted Sept. 16.

★**Wash., Puget Sound**—Metal Work—Spec. 4247-A—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract for sheet metal work on extension to Bldg. 175, to Independent Sheet Metal Co., 1512 Western Ave., Seattle, $2,719, (20 days).

★**Wash., Puget Sound**—Roofing—Spec. 4247-B—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract for built-up roofing on extension to Bldg. 178 (exclusive of all metal work), to H. W. Johns-Mansville Co., 3rd and Stewart Sts., Seattle, $2,892 (15 days).

★**Ore., Astoria**—Remodeling Post Office—Treas. Dept., Wash., D. C., let contract remodeling, here, to J. L. Burgess, Astoria, $11,800. Noted Sept. 9.

Ore., Marshfield—Radio Quarters and Post Office—Spec. 4289—Pub. Wks. Office, Puget Sound, Wash., received bids building double radio quarters and remodeling post office, here, from P. M. Tully, Puget Sound, $8,392 (90 days); J. M. Wright & Son, $9,144 (90 days); J. S. Lorsing & Son $9,167 (60 days). Noted Sept. 16.

Alaska, Kechikan — Dormitory — Spec. 4279—Pub. Wks., Puget Sound, Wash., received only bid building, here, from Brown & Soles, Kechikan, $10,510 (75 days).

Miscellaneous

PROPOSED WORK

Monument—Exeter, N. H. — Town plans to build soldier monument, stone. About $25,000. Address War Memorial Com.

Baseball Park — Hartford, Conn. — J. H. Clarkin, 284 Asylum St., will improve 600 x 600 ft. site for new baseball park for Hartford League Baseball Team. Plans include wooden fence, wooden bleachers and rein.-con. grandstand. About $60,000.

Coal Handling Equipment, etc. — Baltimore, Md.—Western Maryland Ry. plans to purchase coal handling equipment also 20 Mikado freight locomotives. About $400,000.

Electric Transmission Line — Warsaw, Ind.—Electrical Transmission Co. of Northern Indiana filed a petition with the Pub. Serv. Comn. for authority to build electric transmission line from here to Goshen, a distance of 25 mi. About $50,000.

Playgrounds—Manitowoc, Wis.—City had plans and specifications made for 2 playgrounds in 5th and 7th Wards, to include grading, building wading pools, tennis courts, shrubbery, etc. J. C. Smith, Milwaukee, archt.

Wireless Station—Toronto, Ont.—Marconi Wireless Telegraph Co., 93 King St. E., purchased 23 acres north of here, and plans to build wireless station. About $50,000.

BIDS DESIRED

Fire Alarm System—Central Islip, N. Y. —Until Sept. 29, by State Hospital Comn., Capitol, Albany, building fire alarm system in south group. E. S. Elwood, secy.; advertised in this issue.

Asphalt Plant—New York, N. Y.—Until Sept. 29, by H. Bruckner, pres. Bronx Boro., furnishing labor and material for erection and completion of (a) asphalt plant on east side of Edgewater Rd. at point 228 ft. south of Garrison Ave. (b) steel stiff derrick for above (c) bulkhead to be used in connection with above.

Ferry—New York, N. Y.—Until Oct. 11, by G. A. Whalen, comr. Plant & Structures, Municipal Bldg., constructing steel screw ferryboat.

Trucks—New York, N. Y.—Until Sept. 27, by Bd. Purchase, Room 526, Municipal Bldg., furnishing and delivering gasoline motor driven trucks to Dept. Plant & Structures.

Tractors, Graders and Road Drags—Jacksonville, Fla.—Until Oct. 1 by Comrs. Duval Co., furnishing one 10 ton tractor, two 5 ton tractors, one 12 ft. grader and two road drags. D. C. Brown, chn.

Pipe—New Orleans, La.—Until Sept. 30, by F. S. Shields, secy. Sewerage and Water Bd., Room 401, Sewerage and Water Bd. Bldg., furnishing 22,000 ft. 36-48 in. c.i. pipe and specials, and 1,010 ton 4-20 in. c.i. pipe and specials; advertised in this issue.

Foundation—Toledo, O.—Until Oct. 4, by Clerk Bd. Educ., furnishing labor and material for erecting and completing excavation and rough concrete work, including 1st floor slab, of the South Side High School, on Daniels St. and Western Ave. E. M. Gee, dir. and archt. Noted Sept. 2 under "Buildings."

Wire and Cable—Detroit, Mich.—Until Sept. 27, by Comn. Purchases & Supplies, Municipal Court Bldg., furnishing 158,400 ft. copper trolley wire for new lines, also 80,000 ft. 7 strand cable to hold wires. M. H. Markham, 415 City Hall, engr.

Concrete Mixers—Watertown, Wis.—W. J. Murray, c/o Waukesha Hotel Co., receiving bids furnishing several large and small concrete mixers and other equipment for cement and concrete.

Rock Crusher Elevator and Conveyor—Ft. Scott, Kan.—J. T. Dalton & Son, receiving bids for rock crushed elevator and conveyor. A. McBride, genl. supt.

Truck—Ft. Scott, Kan. — C. A. Simons receiving bids for new truck for hauling sand.

Truck—Larned, Kan.—McCoy & Taylor receiving bids for truck for heavy hauling.

Tunnel Lining—Oregon—See "Streets and Roads."

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Granite Gateway—Cambridge, Mass.**—R. H. Doone, archt., 75 Newbury St., Boston, let contract to L. D. Willicut & Sons Co., 146 Summer St., Boston, building large granite gateway, also 1 story, 25 x 45 ft. brick and stone rest house, on Mt. Auburn St., for Mt. Auburn Cemetery, 199 Washington St., Boston. About $25,000. Noted Sept. 9.

★**Wall—Ansonia, Conn.**—Amer. Brass Co., 58 Liberty St., let contract building rein.-con. retaining wall at plant, to Sperry Eng. Co., 82 Church St., New Haven. About $25,000.

★**Baseball Park—Hartford, Conn.**—J. H. Clarkin, 284 Asylum St., let contract improving 600 x 600 ft. site on Hanmer St. for new baseball park for Hartford League Baseball Team, including concrete grandstand, bleachers, etc., to T. Stafford & Son, 161 New Britain Ave. About $40,000.

Plant—New York, N. Y.—H. H. Curran, pres. Manhattan Boro., received only bid Sept. 15 building plant for crushing, melting and mixing old asphaltic material and altering existing elevator at plant on 90th St., from P. T. Cox, 154 Nassau St., $47,867. Noted Sept. 9.

Shafts — New York, N. Y. — New York State Bridge & Tunnel Comn. and New Jersey Interstate Bridge & Tunnel Comn., Room 616, Hall of Records, Manhattan Boro., received bids Sept. 21 building Canal and Spring Sts. shafts, from T. B. Bryson, 52 Vanderbilt Ave., $650,000; Booth & Flynn, Ltd., 17 Battery Pl., $695,000; P. M. McGovern, 50 East 42d St., $941,000. Noted Sept. 2.

★**Wall—Newark, N. J.**—Mt. Pleasant Cemetery, 375 Belleville Ave., let contract building 1,500 ft. wall, 12 ft. high involving 2,300 cu.yd. concrete, to A. J. Milmoe, 83 Littleton Ave., $55,200. Noted Sept. 9.

★**Foundation—Phila, Pa.**—City let contract building foundation for central library, on 19th and 20th Sts., to J. Gill & Son, Citizens Bldg., Cleveland, O. About $425,000. Noted Jan. 8 under "Buildings."

HIGHWAY—OREGON

Bids were received by State Highway Comn., Salem, Aug. 24, for grading and surfacing Haines-North Powder Section of Old Oregon Trail, 7.86 mi. long, Baker Co., from (A) Oxman & Harrington, Baker, (awarded contract); (B) Security Constr. Co., La Grande; (C) Warren Constr. Co., Journal Bldg., Portland. The unit bids were as follows.

	A	B	C
Clearing and grubbing (60 ft. railway), lump sum	$300 00	$250 00	$200 00
63,000 cu.yd. common excavation	50	60	57
3,500 cu.yd. st. overhaul	05	05	05
880 lin.ft. 12-in. plain concrete pipe	2 00	1 90	2 20
290 lin.ft. 18-in. reinforced concrete pipe	3 00	2 95	3 50
380 lin.ft. 24-in. reinforced concrete pipe	4 00	4 10	5 00
120 lin.ft. 36-in. reinforced concrete pipe	7 00	5 75	8 00
880 lin.ft. 12-in. corrugated galvanized iron pipe	2 25	2 83	2 00
290 lin.ft. 18-in. corrugated galvanized iron pipe	3 75	3 98	3 50
380 lin.ft. 24-in. corrugated galvanized iron pipe	5 00	5 45	5 00
120 lin.ft. 36-in. corrugated galvanized iron pipe	10 00	9 35	8 50
500 lin.ft. 6-in. porous drain tile	40	30	45
130 cu.yd., class "A" concrete	32 00	30 00	35 00
80 cu.yd. class "C" concrete	28 00	25 00	35 00
11,000 lb. metal reinforcement	10	12	12
15M. ft.b.m. lumber and timber in place	70 00	75 00	75 00
30 cu.yd. gravel backfill for drain tile	3 00	3 75	3 25
17,300 cu.yd. crushed gravel surfacing	2 95	3 15	3 25
900 cu.yd. clay or other earth filler	1 00	1 25	00
Extended tota's (concrete pipe)	$99,340	$108,728	$111,089
Extended totals (corrugated galvanized iron pipe)	100,518	110,790	110,973

★**Dock—New Orleans, La.**—Bd. Port Comrs. of New Orleans, let contract erecting, painting and doing all steel work required on Poydras St. shed, end extension, of New Orleans Dock, involving 240 ton steel, to Pensacola Ship Bldg. Co., Blount Bldg., Pensacola, Fla., $39,600; side extension, involving 110 ton steel, to Alexander & Julian, 1004 Webster St., $22,320. Noted Aug 26 and Aug. 19 under "Industrial Works."

★**Sanitary Equipment — Columbus, O.** — Bd. Educ. let contract furnishing sanitary equipment for schools on Chicago, Franklinton, Spring and Highwood Sts., 1st, Livingston, Michigan, Southwood, Eastwood and Bellows Ave., also South High School, to Huffman & Wolfe, 609 North High St. About $124,900. Noted Aug. 19.

★**Conduits—Detroit, Mich.**—Fire Comn., West Larned St., let contract furnishing labor and material building 17,566 ft. 3-16 duct conduits, to R. A. Mercier, 746 Hudson Ave., $120,821. Noted Sept. 9.

★**Standards, Transformers, Switchboards, etc.—Owosso, Mich.**—City let contract furnishing labor and material installing 178 moonlight standards, 23,000 ft. 5,000-volt armored cable transformers, switchboards, etc., on Main, Washington, Ball and Exchange Sts., to Kelly Constr. Co., 210 Bridge St., Chippewa Falls, Wis., $32,316.

Pipe—Cedarburg, Wis.—City received only bid furnishing 800 ton 4-10 in. Class "B" c.i. pipe and 1,000 ft. 4-12 in. wood stave pipe, from Amer. Cast Iron Pipe Co., 712 Plymouth Bldg., Minneapolis, Minn., $51,638.

★**Cement and Bricks—Kohler, Wis.**—See "Industrial Works."

★**Lighting System—Mayville, Wis.**—City let contract furnishing and erecting ornamental lighting system, to Kelley Constr. Co., 210 Bridge St., Chippewa Falls. About $25,000.

★**Dike—St. Louis, Mo.**—City let contract building stone and timber dike at Low Serv. Pumping Sta. Chain of Rocks, involving 10,500 cu.yd. stone, 125 000 ft. ¾ in. steel cable, etc., to Kansas City Bridge Co., 510 Orear-Leslie Bldg., Kansas City, Mo., $73,889. Noted Aug. 19.

Shed—Seattle, Wash.—Seattle Port Comn. received bids Sept. 4 building "west" transit shed, to duplicate present "east" structure on Pier "B," 500 ft. long, 120 ft. wide, (a) gal. armco iron, (b) Keystone copper steel, (c) boiler room and chimney, from Sherer & Carlson, Seattle, (a) $123,740, (b) $122,240, (c) $1,642; J. A. McEachern & Co., Colman Bldg., (a) $125,200, (b) $124,165, (c) $1,000; Stewart Constr. Co., Amer. Bank Bldg., (a) $125,200, (b) $124,165, (c) $1,150.

★**Dam, Montreal, Que.**—Quebec Streams Comn., Parliament Bldg., 59 Notre Dame St. E., let contract building storage dam on Savane River, to Laurentian Power Co., Beaupre. About $200,000. Noted Aug. 5.

★**Walls, etc.—Montreal, Que.**—Montreal Water Bd. let contracts building protection work on retaining walls and repairing south wall on Montreal aqueduct, to G. L. Campbell, $125,780; building south gravity wall, bridges and abutments at Letour and Knot Bridges over Montreal aqueduct, to Doheney, Quinlan & Robertson, 50 Notre Dame St. W., $195,650.

★**Dock—Ft. William, Ont.**—Canadian Pacific Ry., Windsor St., Montreal, Que., let contract building extension to coal dock on McKellar River, concrete apron on pile foundation, to M. H. Braden, Ft. William. About $150,000; cost plus percentage basis.

OFFICIAL PROPOSALS

Bids: Oct. 13.

Barge Canal Terminals

STATE OF NEW YORK
OFFICE OF SUPERINTENDENT OF PUBLIC WORK
Albany, N. Y.

Sealed proposals will be received by the undersigned at his office in the Capitol at Albany, N. Y., until twelve o'clock noon of Wednesday, October 13th, 1920, at which place and hour they will be publicly opened and read, for the construction of Barge canal terminals pursuant to the provisions of Chapter 746 of the Laws of 1911, and amendatory laws, and Chapters 402 and 698 of the Laws of 1920, as follows:

—1—

TERMINAL CONTRACT No. 79

For driving foundation piles for the proposed grain elevator, for constructing a bulkhead wall along Henry Street slip, and for dredging the Henry Street Basin at Gowanus Bay, New York City.

Contract plans, sheets 1 to 5, inclusive.

—2—

TERMINAL CONTRACT No. 80

For constructing concrete foundation piers for the proposed grain elevator on the Barge canal terminal pier at Oswego.

Contract plans, sheets 1 and 2.

Plans may be seen and detailed specifications, engineer's estimates of quantities, proposal blanks, form of contract and bonds required and other information for proposers may be had at the office of the Superintendent of Public Works at Albany, N. Y., at the office of the Assistant Superintendent of Public Works for the Middle Division at Syracuse, N. Y., at the office of the Assistant Superintendent of Public Works for the Western Division at Rochester, N. Y., at the canal office, Spaulding's Exchange, Buffalo, N. Y., and at the office of the Superintendent of Public Works, Terminal Warehouse, Pier 6, East River, New York City.

Copies of detailed plans or drawing may be obtained from the State Engineer and Surveyor at Albany, N. Y., upon payment to him of the cost of producing them.

Monthly estimates will be paid of ninety per centum (90 per cent) of the work done at the contract price. Every proposal for said work must be accompanied by a money deposit in the form of a draft or certified check upon some good banking institution in the city of Albany or New York, issued by a national or state bank or trust company in good credit within the state and payable at sight to the Superintendent of Public Works for five per centum (5 per cent) of the amount of the proposal.

The person whose proposal shall be accepted will be required to execute a contract and furnish bonds within ten days from the date of notice of award delivered to him or them in person or mailed to the address given in the proposal.

Upon execution of the contract and approval of bonds, the certified check or draft will be returned to the proposer unless the same shall have been presented for collection prior to such time, in which case the amount of the deposit will be refunded by the Superintendent of Public Works.

The deposits of bidders other than the one to whom the award of contract shall be made will be returned immediately after the award has been made.

The bond required for the faithful performance of each contract shall be in such sum as shall be fixed by the Superintendent of Public Works, which sum shall not be less than twenty per centum (20 per cent) of the estimated cost of the work, according to the contract price, and an additional bond, known as the labor bond, in the sum of ten per centum (10 per cent) of the amount of the estimated cost of the work according to the contract price, will be required as security that the contractor will pay in full at least once in each month all laborers employed by him upon the work specified to be done in the contract.

In the event that more than one surety company is offered as surety on said bonds co-insurance only will be accepted.

Each proposal must be addressed to the Superintendent of Public Works, Albany, N. Y., and must be endorsed on the envelope with the name of the construction for which the proposal is made.

Award, if made, will be made to the person or persons whose proposal shall be lowest in cost to the state for doing the work, and which shall comply with all provisions required to render it formal. Before any award shall be made the lowest bidder will be required to satisfy the Superintendent of Public Works of his ability to provide suitable equipment and materials for the proper performance of the work.

Theright is reesrved to reject all proposals and readvertise and award the contract in the regular manner if in the judgment of the undersigned, the interests of the state will be enhanced thereby.

EDWARD S. WALSH,
Superintendent of Public Works.
September 10th, 1920.

The publication of an advertisement on this page is an official notice that bids are wanted from other than local bidders.

It is also a guarantee that maximum competition is invited because Engineering News-Record is the *one* nationally recognized medium for Proposal advertising. Its Searchlight Section is read each week by nearly every worth-while contractor in this country who bids on public work outside his own city.

Official Proposals reaching our office in first mail Wednesday morning (9 o'clock) can usually be published in the issue out the next day. Special price for Official Proposals, 40 cents a line.

Bids: Sept. 29.

Fire Alarm System

Central Islip, N. Y.

Sealed proposals for Fire Alarm System, South Group, Central Islip State Hospital, Central Islip, N. Y., will be received by the State Hospital Commission, Capitol, Albany, N. Y., until three o'clock P.M., on Wednesday, September 29, 1920, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a Certified Check in the su mof five per cent (5%) of the amount of the proposal. The Contractor to whom the award is made will be required to furnish surey company bond in the sum of fifty per cent (50%) of the amount of contract within thirty (30) days after official notice of award of contract, and in accordance with the terms of Specification No. 3609. The right is reserved to reject any or all bids. Drawings and Specifications and blank forms of proposal may be consulted at the Central Islip State Hospital, Central Islip, N. Y.; at the New York Office of the Department of Architecture, Capitol, Albany, N. Y. Drawings and Specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y., upon reasonable notice to and in the discretion of the State Architect, L. F. Pilcher, Capitol, Albany, N. Y.

Dated September 8, 1920.

E. S. ELWOOD,
Secretary, State Hospital Commission.

Bids: Oct. 2.

Drainage

Lamar, Col.

Until Oct. 2, 1920. Bids received by American Beet Sugar Company, Rocky Ford, Colorado. Dredging open ditch in Powers County, approximately 15,900 ft. long. Approximately 104,610 cu.yds. of excavation.

Bids: Oct. 18.

Lock Construction

THE ILLINOIS WATERWAY
CONTRACT NO. 1
Chicago, Ill.

1. Sealed proposals for the construction of Marseilles Lock, located near Bells island in the Illinois River, four miles above Ottawa, and two miles below Marseilles, La Salle County, Illinois, will be received at the Office of the Director of the Department of Public Works and Buildings, Division of Waterways, Room 1404, 25 East Jackson Boulevard, Chicago, Illinois, until twelve (12) o'clock noon, Central Standard Time, of the eighteenth day of October, 1920, and then publicly opened and read.

2. Copies of the plans, specifications, proposal blank, form of bond and contract may be obtained by prospective bidders at the Office of the Department, Room 1404, 25 East Jackson Boulevard, Chicago, Illinois, upon depositing a check for ten dollars ($10), made payable to the Director of the Department of Public Works and Buildings, which sum will be returned within ten (10) days after the contract has been awarded if the plans are returned in good condition within that time.

3. Each proposal shall be accompanied by a certified check or draft drawn on some responsible bank doing business in the City of Chicago, and made payable to the order of the Director of the Department of Public Works and Buildings, for five (5) per cent of the amount of the proposal. In lieu of a certified check or draft, the proposal may be accompanied by a bond executed in the form prescribed by the Department of Public Works and Buildings and with a surety company approved by the Department in the penal sum of ten (10) per cent of the amount of the proposal.

4. The Department of Public Works and Buildings reserves the right to reject any or all bids. The contract, if let, will be awarded to the lowest responsible bidder.

FRANK I. BENNETT,
Director, Department of Public Works and Buildings.
WILLIAM L. SACKETT,
Superintendent of Waterways.
M. G. BARNES,
Chief Engineer,
Division of Waterways.
Sept. 13, 1920.

Bids: Oct. 6.

Miscellaneous Work

Binghamton, N. Y.

Sealed proposals for Laundry Equipment, Renewals of Electric Wiring, Extension of Electric Lines, Etc., and Electric Elevator — Laundry Building, Binghamton State Hospital, Binghamton, N. Y., will be received by the State Hospital Commission, Capitol, Albany, N. Y., until three o'clock p.m. on Wednesday, October 6, 1920, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a Certified Check in the sum of five per cent (5%) of the amount of the proposal.

The Contractors to whom the awards are made will be required to furnish surety company bond in the sum of fifty per cent (50%) of the amount of contract within thirty (30) days after official notice of award of contract, and in accordance with the terms of Specification Nos. 3573, 3596, and 3608. The right is reserved to reject any or all bids. Drawings and Specifications and blank forms of proposal may be consulted at the Binghamton State Hospital, Binghamton, N. Y.; at the New York Office of the Department of Architecture, Room 618, Hall of Records Building, and at the Department of Architecture, Capitol, Albany, N. Y. Drawings and Specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y., upon reasonable notice to and in the discretion of the State Architect, L. F. Pilcher, Capitol, Albany, N. Y.

Dated September 8, 1920.

E. S. ELWOOD,
Secretary, State Hospital Commission.